

CATALOGUE 2026



COLLINGWOOD
LIGHTING

LIGHTING INNOVATION



INOVARA GROUP

PREPARE TO BE ENLIGHTENED

INOVARA GROUP

Inovara Group is the culmination of Collingwood Lighting, IBL, Indigo Lighting and Nobile Italia. We bring together technically advanced skills, innovative backgrounds, sustainability-focused and forward-thinking minds, and data-driven lighting solutions to empower you and your business.

SUPPORT & EXPERTISE

With our support and expertise, you'll feel enabled to make confident, future-proof decisions that set new benchmarks in the development of sustainable properties within the residential, commercial, industrial, and landscape sectors.

GLOBAL PRESENCE

Our commitment is far-reaching. Our global presence is indeed strong, but with our newly formed capabilities and scalability, we have the stability and long-term market presence to grow yet further.

SUSTAINABILITY

Our focus is on you, your future, the sustainability of your projects, and our commitment in delivering an impeccably designed solution for your LED lighting integration.

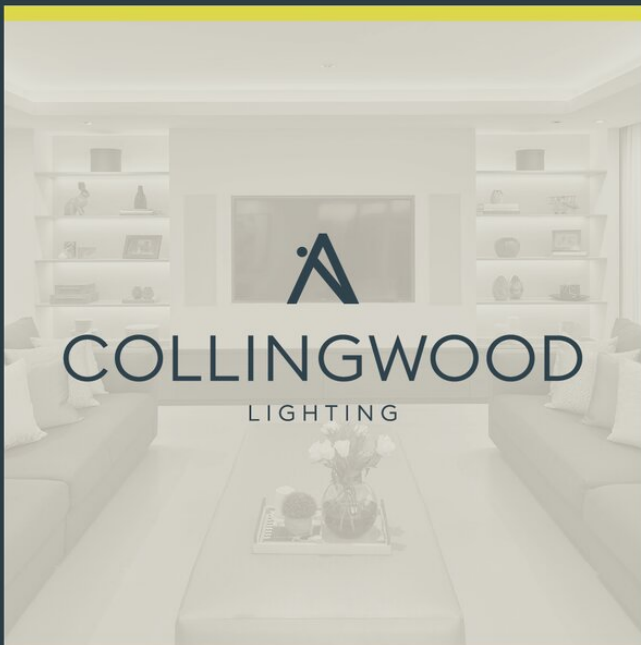




INOVARA GROUP

STRENGTH IN NUMBERS

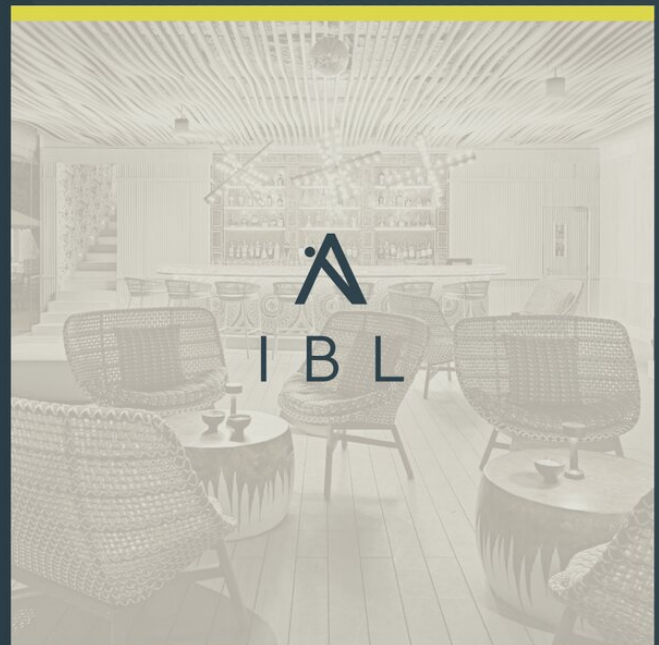
Sharing the intelligence, best practice and resources of Collingwood Lighting, IBL, Indigo Lighting and Nobile Italia, Inovara Group stands uniquely placed to help the whole supply chain, from contractors to clients, face the challenges of today and pursue the opportunities of tomorrow.



Collingwood Lighting, a UK-based business, has been a pioneer in the lighting industry ever since it was established back in 1961.

A commitment to innovation, quality and sustainability, particularly in LED technology, catapulted a modest start-up into a significant market presence.

Collingwood's adaptation to market demands; catering to cultural and environmental requirements, developing strategic partnerships with influential stakeholders, and its dedication to introduce new technologies, has been instrumental in its success.



IBL is a UK based innovator in LED engine design and provider of architectural lighting into flagship projects worldwide.

Established in 1986, IBL provides architectural lighting into a range of global projects across premium hospitality, retail, airports and residences.

It has operations in the UK and an assembly production facility in China, enabling it to source, assemble and distribute its products worldwide.

The company has built a strong reputation and is recognised for its high-performance products used in flagship projects including Marina Bay Sands in Singapore, The Peninsula in London, and the National Museum of Qatar .



Indigo Lighting, originally founded in 1989 under the name Soliban, has grown to become a leader in lighting innovation. Established as a Belgian lighting manufacturer in 2002, the company quickly gained a reputation for technical expertise and forward-thinking design.

Its pioneering Technolight system set the foundation for future success, leading to an expanded product range and strong customer relationships.

Today, Indigo Lighting continues to deliver cutting-edge solutions, combining technical excellence with a deep understanding of the evolving needs of the lighting market.



Founded in 1966 and headquartered in Rome, Nobile Italia, leads in design and LED technology in the Italian lighting market.

Italy is known for its exquisite design credentials and Nobile is no different. Nobile manufactures and distributes world-class LED luminaires, with a clear market focus set squarely on 'premium'.

This strategy doesn't rely on beauty alone, and is supported by excellent service levels, well established customer relationships, and strong R&D capabilities.

COLLINGWOOD

FOUNDED IN 1901

Collingwood started designing innovative LED lighting products in 2002. We pride ourselves on creating beautifully designed products that are easy to install and highly energy efficient. Using top quality materials, our products come with long warranties and are backed up by our expert UK based customer service team. With direct to site next day delivery policy within the UK, we are always prepared to go the extra mile to ensure our customers receive excellent service and superior quality products.

This philosophy has led us to introduce many firsts to the LED lighting market.



FIRST IN THE MARKET TO MANUFACTURE LUMEN AND CCT SWITCHABLE RESIDENTIAL DOWNLIGHTS
Two Lumen outputs and three CCTs, all within one single luminaire.



FIRST TO DESIGN AND MANUFACTURE LED lighting products for the UK electrical wholesale market.



FIRST TO PRODUCE 100% WATERPROOF
Sealed for life, 100% waterproof, inground LED lighting products.



FIRST OUTDOOR LED PRODUCTS
Produce sealed for life outdoor LED lighting products.



FIRST FOR FIRE-RATED DOWNLIGHTS
First to produce a fit for purpose, high performance, fire-rated LED downlights.



FIRST TO PRODUCE MAINS DIMMABLE
Mains dimmable LED downlights.



FIRST TO COMPLY WITH BUILDING REGULATIONS
First to produce an LED downlight that complies with all building regulations.



FIRST TO CREATE A 360° DOWNLIGHT
Produce fire, acoustic and moisture-rated 360° spherical style downlight.



FIRST TO OFFER EXTENDED WARRANTY
First to offer a 7 year or 10 year extended warranty.
We now offer a 3, 4, 5, 7 & 10 year warranty.



1901
BY COLLINGWOOD
LIGHTING
3000K, >90CRI



COLLINGWOOD
LIGHTING

SUSTAINABILITY

LIGHT A BETTER FUTURE

Sustainability is at the core of everything we do

Our commitment to tackle environmental challenges means we are pro-actively taking action to minimise the impact of our materials used and operations, to build towards carbon neutrality.



GOLD MEDAL ECOVARDIS

Methodology built on international sustainability standards. EcoVadis is the world's largest and most trusted provider to rate our business and provide you with transparency about our environmental, social and ethical performance - or sustainability. We are pleased to share that our sustainability efforts this past year has increased our score earning an EcoVadis gold medal.



RECYCLING

- 100% of cardboard waste is either used as shredded packaging filler or recycled.
- 100% of plastic waste is used in bales or recycled.
- 100% of our warehouse pallets are recycled.



ENERGY FROM RENEWABLE SOURCES

100% of our electricity all comes from renewable energy sources such as solar and wind turbines.



WASTE EXPERTS PARTNERSHIP

We partner with waste experts to enhance our overall environmental performance.

- 100% of waste is diverted from landfill.
- 96% of waste is recycled, with the remaining 4% being recovered as energy from waste.
- Consolidating waste pick ups to minimise our carbon footprint.
- Euro 6 standard for all waste pick up vehicles.

SUSTAINABILITY

GREENER PACKAGING

Reduce, Re-Use & Recycle

As packaging is the most produced item to a business outside of the products themselves, we know how important it is to do everything we can to minimise the impact it has on the environment.



100% RECYCLABLE

- Our boxes are made entirely from card to make them easy to recycle.
- No plastics used to make our boxes (including the finish of the box).
- Vegetable oil inks are used to ensure they are recyclable.



FSC APPROVED CARD

The card used in our boxes comes from FSC approved forests. This means that the card used to make the box comes from a replenishable forest and for every tree used another one is planted.



LESS WASTAGE

We make sure our boxes are designed to use as little material as possible to minimise their carbon footprint.



LESS INK

Our new brown box design uses significantly less ink than a full colour box with images. When producing the packaging this makes the carbon footprint much smaller.



COLLINGWO
LIGHTING

CUSTOMER FIRST

FAST RELIABLE SERVICE

We're here to help you succeed

We believe you have the ability to create amazing projects and we want to help you achieve it. We pride ourselves on always being readily available to provide a level of service that gets you what you need to excel and achieve unbelievable things.



Place an order before 3pm



Free next day direct to site delivery



FREE ON SITE SUPPORT

On large scale projects a member of our technical support team will go to your site to help plan your installation to ensure you have a smooth installation.



FREE ON THE PHONE SUPPORT

Readily available and with expert knowledge of our product portfolio our technical support team are on hand to answer any question you have about our products.



ONLINE SUPPORT

To ensure you get the support you need 24 hours a day we offer online support.

- Detailed product information on our website.
- Email updates to keep you informed.
- Literature available on our website.
- Product configurators to help you make the right choice easily.

QUALITY

NO SUBSTITUTE FOR QUALITY

You can be confident with us

Since we were established in 1901 we have been driven to deliver nothing but the highest quality in everything we do. We offer longer warranties and get third party accreditation to ensure you can trust in our products as we do.

LIA ACCREDITATION



The Lighting Industry Association Quality Assurance scheme is a quality assurance scheme developed by industry experts. The scheme assesses the members quality system and product compliance, and supports the member in achieving and maintaining the standard expected for LIA membership. Collingwood have been awarded the LIAQA Assured Company mark.

EDA ACCREDITATION



The EDA (Electrical Distributors' Association) is the trade association that represents the interests of wholesale distributors of electro-technical products in the UK. Collingwood are a product affiliate and together we work for the good of the sector.

LONG PRODUCT WARRANTIES



You can trust in our products as we do. We offer up to 10 year warranties on our products because we believe in our products. They all go through vigorous testing to ensure they are of the highest quality that will stand the test of time.



TWO YEAR ON SITE WARRANTY

We offer a two year on site warranty for all commercial and industrial lighting products.


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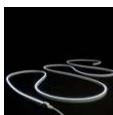
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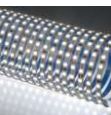
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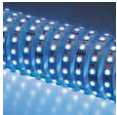
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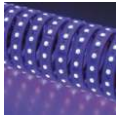
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DOWNLIGHTS



EXCEPTIONAL BY DESIGN,

SPECIALITY



THE BESPOKE DOWNLIGHT

1901

Premium modular design that you can configure to get the perfect fitting for your exact project.



THE PIR DOWNLIGHT

H2 SENSE

- Integrated PIR Sensor
- Adjust Sensor Sensitivity, Hold Time & Lux Level
- CCT Switchable



THE SOFFIT DOWNLIGHT

H2 EXTREME

- IP65 from Below & Above
- Corrosion Resistant
- CCT Switchable
- 2200K Option for Less Blue Light (Wildlife Friendly)

Product	CCT Switchable	2200K Option	Wattage Switchable	Low Glare Baffle	Tilttable Version Available
H2 Deco	●	●	●	●	✗
H2 Lite CSP	●	●	●	✗	H4 Lite CSP
H2 Lite Select	●	✗	✗	✗	✗
1901	Choice of CCTs	✗	Choice of Wattages	●	●
H2 Sense	●	✗	✗	✗	✗
H2 Extreme	●	●	✗	✗	✗

RELIABLE BY NATURE

MUST HAVE DOWNLIGHTS



THE DESIGNER DOWNLIGHT

H2 DECO

- CCT & Wattage Switchable
- Low Glare
- High Quality of Light
- Aesthetic Design
- 2200K Option for Warmer Homes



THE ALL-IN-ONE DOWNLIGHT

H2 LITE CSP

- CCT & Wattage Switchable
- First-Fix Connector
- 2200K Option for Warmer Homes
- Tiltable version available



THE ESSENTIAL DOWNLIGHT

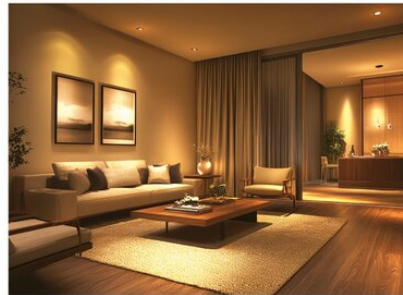
H2 LITE SELECT

- CCT Switchable
- First-Fix Connector
- Performance Optimised

Dimming	Insulation Coverable	First-Fix LENNEL Connector	Plaster-In Version Available	PIR Sensor	Suitable for Soffits (And In Coastal Areas)
Mains	●	●	✗	✗	✗
Mains	●	●	✗	✗	✗
Mains	●	●	✗	✗	✗
Mains, 1-10V or DALI-2	●	✗	●	✗	✗
✗	●	✗	✗	●	✗
Mains	●	✗	✗	✗	●

THE RIGHT DOWNLIGHT FOR THE RIGHT JOB

Residential Downlights



CHOOSING THE RIGHT CCT

Colour temperature plays a key role in creating the right atmosphere for both work and relaxation. Correlated colour temperature (CCT) describes the appearance of light, measured in Kelvin: lower values are warmer and more relaxing, while higher values are cooler and better for focus.

Typical LED ranges include 2200K (very warm), 2700K–3000K (warm/soft white), and 4000K–5000K (cool or daylight).

In the home, warmer CCTs suit living rooms and bedrooms, while cooler light supports task areas such as kitchens or offices.

CCT also affects how décor appears, with warm tones enhanced by lower CCTs and cooler colours by higher ones.

Outdoors, warmer lighting reduces light pollution and impact on wildlife.

Commercial spaces typically use 4000K

Hospitality areas benefit from warmer light.

Switchable CCT fittings offer flexibility, simplify specification, and allow future adjustments.

Choose Between:

H2 Deco (4 x CCTs)
H2 Lite CSP (4 x CCTs)
H2 Lite Select (3 x CCTs)

WARMER LIGHTING IN THE HOME

There is a growing trend in domestic and hospitality lighting toward warmer colour temperatures to create relaxed, sociable spaces. While cooler light (4000K+) supports concentration and task work, it is less suitable for unwinding. Many LED fittings only reach 2700K, but truly calming environments benefit from even warmer light, similar to sunset or candlelight.

Lower CCT options, such as 2200K, help create inviting atmospheres in homes, restaurants, and pubs, encouraging people to relax, socialise, and stay longer. Warmer light also enhances natural materials like wood and complements warm décor tones.

Switchable CCT fittings offer flexibility, allowing one luminaire to deliver multiple colour temperatures for different spaces and uses. This approach reflects natural daylight patterns, supporting our circadian rhythm by promoting alertness during the day and relaxation in the evening.

Warmer lighting is also beneficial outdoors, reducing light pollution and disturbance to wildlife.

Choose Between:

H2 Deco
H2 Lite CSP
H2 Extreme (Soffits)

LIGHTING LEVELS FOR THE HOME

Downlights are a popular choice for ambient lighting, but correct specification depends on how each room is used. Guidance from CIBSE provides a helpful starting point for recommended lux levels, but customer needs should always shape the final design.

Relaxed spaces like living rooms and bedrooms typically need lower light levels

Task Focused Areas such as kitchens and home offices require brighter lighting.

Multifunctional areas like kitchen diners, higher lighting may suit food preparation zones, with lower or dimmable lighting for dining and entertaining.

Effective lighting design combines ambient light with task and accent lighting, alongside appropriate beam angles and spacing to avoid dark areas. Colour temperature also plays a key role, with cooler light aiding concentration and warmer tones supporting relaxation.

Wattage and colour switchable downlights provide flexibility to tailor light levels and colour temperature to each space, helping deliver a balanced, comfortable, and efficient lighting scheme.

Choose Between:

H2 Deco (2 x Wattages)
H2 Lite CSP (4 x Wattages)



LOW GLARE FOR COMFORT

Glare can cause discomfort, eyestrain, and reduced visibility, so low-glare lighting should be considered not only in offices and classrooms but also in many other environments. Glare is often caused by overly bright light sources, poor distribution, or reflections from glossy surfaces.

In the home, glare can be an issue in:

- Kitchens
- Dining areas
- Living rooms
- Home offices

Especially where reflective worktops, tiles, or screens are present. Low-glare or UGR 19 fittings help reduce reflections and visual fatigue.

In workplaces such as:

- Offices
- Schools

Glare can reduce concentration, productivity, and comfort. A UGR of 19 or less is recommended, particularly where screens are used, but glare control is also important in retail and hospitality settings.

Choosing suitable luminaires, such as low-glare downlights, indirect lighting, panels, or dimmable solutions, helps create comfortable, well-balanced spaces.

Choose Between:

H2 Deco
1901



BENEFITS OF BUILT-IN PIR SENSORS

PIR detectors can reduce lighting energy consumption by up to 75% in low-use spaces such as:

- Commercial toilets
- Storerooms
- Hotel corridors
- Student accommodation
- Domestic bathrooms

These sensors automatically switch lights and connected services on when movement is detected and off after inactivity. Even greater savings are achieved when PIRs include lux sensing, preventing lights from operating when natural daylight is sufficient.

Integrated PIR downlights offer significant advantages over standalone sensors, including:

- Faster installation
- Fewer components
- No separate power supply
- No additional ceiling cut-outs
- Reduced wiring

They are also neater and less obtrusive, making them ideal for both commercial and residential settings. Products like the H2 Sense downlight can control multiple fittings and services across larger areas.

When specifying PIRs, ensure adjustable hold times, sensitivity, and lux levels, sufficient load capacity, and correct positioning to ensure reliable detection, avoid dark spots, and maximise energy savings while reducing carbon footprint.

Choose:

H2 Sense



PURPOSE BUILT SOFFIT DOWNLIGHTS

Correct specification of outdoor downlights is essential to ensure long-lasting performance and the right atmosphere.

Although often installed under soffits or eaves, fittings are still exposed to:

- Wind
- Rain
- Dust
- Condensation

For this reason, specify downlights with IP65 protection from both above and below, not just the front, to prevent moisture ingress that can cause failures or tripped RCDs.

Also check corrosion resistance, particularly for installations within 10 miles of the coast.

Colour temperature is equally important. Warmer light (2700K or 2200K) is ideal for most outdoor spaces, reducing light pollution and impact on wildlife while creating a welcoming feel. Cooler options such as 3000K may suit lighter surfaces.

Finally, consider controls such as photocells, dimming, or switching to save energy and enhance ambience in outdoor living and transition areas.

Choose:

H2 Extreme

EASY TO INSTALL & FLEXIBLE

Residential Downlights

QUICK & EASY CONNECTORS

First-Fix LENNEL Connector

Our first-fix LENNEL terminal connector is designed to be quicker and easier than ever before!

- Transparent lid - To quickly check wiring
- LENNEL Connector - Designed to not cross over wires
- Testing ports - To easily test the connection
- Smooth first-fix connector



COLOUR SWITCHABLE PRODUCT

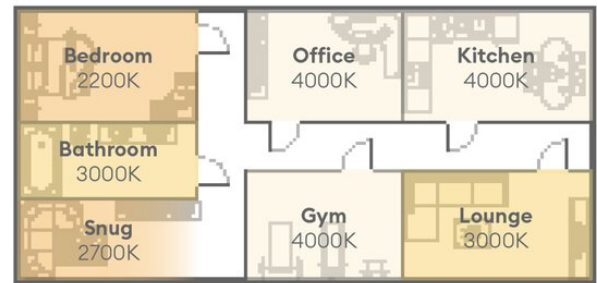
One light, three or four colour temperatures
Always have the correct product on hand. Our range of colour switchable downlights are available to stock in 3 or 4 colour temperatures in 1 product (2200K, 2700K, 3000K & 4000K).

Advantages

- Simpler product range.
- Products can be adjusted after they are installed.

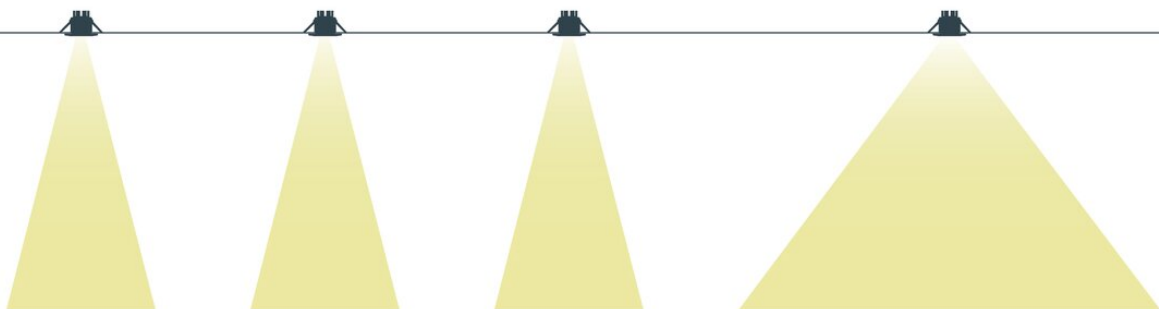


Use the CCT switch to choose the ideal colour for your installation.



BEAM ANGLES

Products with a wide beam angle cover a wider area with fewer lights, reducing time and cost spent on fittings. Alternatively, products with a narrow beam angle have a great light intensity and are perfect for smaller spaces.

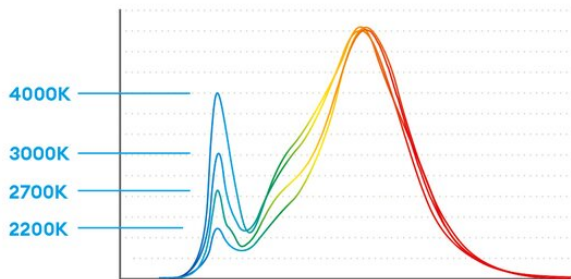


WARMER LIGHT

With lighting becoming more and more human centric we've launched our new 2200K CCT for creating warmer cosier environments designed for a more homely intimate experience.

Minimising the blue light content of outdoor lighting is key to improving the survival and growth rates of nocturnal animals.

That's why Collingwood is introducing outdoor lighting with 2200K. The amount of blue light in 2200K is significantly less than 4000K or even 3000K.



INSULATION COVERABLE

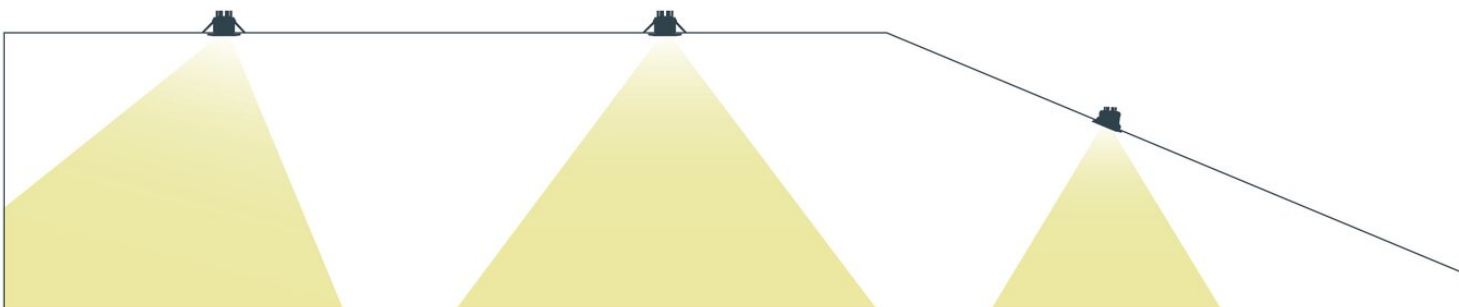
Install the product directly under insulation

Many of our downlights are insulation coverable, suitable for both rolled and blown installation.



ADJUSTABLE FITTINGS

Collingwood's adjustable range provides a versatility that is perfect for vaulted ceilings, standard ceilings and for highlighting features and artwork on walls.



INSTALLING INTO CEILINGS

Residential Downlights

I-JOIST AND METAL WEB APPROVED

Our downlights have undergone vigorous testing to ensure they are perfect for use with I-Joists, metal web and solid timber ceiling types.

Vigorously tested to ensure fit-for-purpose products

Collingwood were the first company to produce a fit-for-purpose, high performance, fire-rated downlight that enabled compliance to Part B of the building regulations. In the period since, we have supplied millions of downlights worldwide.

What is a timber I-Joist?

These are purposely engineered to be light and strong, whilst removing the imperfections which can come from natural timbers. The name comes from the shape. There is a top and bottom flange element with the web in between. Their common application is within residential floors, roofs and are becoming increasingly popular with their benefits over solid timber joists. Such benefits include the ease of handling due to their light weight, less prone to warping and ease of drilling to install services such as pipes and cables.

What is a metal web joist (POSI-Joists)

A metal web joist is a combination of timber chords and pressed metal webs, which form an open web joist. The open web allows for installations of services like pipes and cables to pass through the metal webs without the need for cutting holes within the joist. The open web structure means they are lighter to handle than solid timber joists, and allows for greater load bearing areas with the open web design, making it simple to install pipes cables etc.



CUT-OUT SIZE GUIDE

Use the guide below to determine the recommended cut-out size for each Collingwood downlight. For retro-fitting varied sizes, view our converter plate range.

60 - 72mm	64 - 72mm	65- 75mm	65- 86mm	68 - 72mm	69 - 72mm	70 - 72mm	72 - 75mm
H5 Trimless	H2 Lite	H2 Extreme	1901	H2 Lite CSP	H4 Pro 550	H4 Lite CSP	H2 Deco
H2 Lite Select	H2 Pro			H2 Sense			
	H2 Pro 550						

FIRE TEST OVERVIEW

We have worked, together with independent fire test facilities, to test and approve our most popular fire-rated downlights for use with solid timber, I-Joists and metal web joists, complementing our suite of ceiling approvals.

Use the table below for which product is approved for which ceiling system

Product	Solid Timber			I-Joist - 30mins		Metal Web - 30mins		
	30mins	60mins	90mins	James Jones	Staircraft	Wolf systems	ITW	Mitek
H2 Deco	●	●	●	●	●	●	●	●
H2 Lite	●	●	●	●	●	●	●	●
H2 Lite CSP	●	●	●	●	●	●	●	●
H2 Lite Select	●	●	●	●	●	●	●	●
H2 Pro	●	●	●	●	●	●	X	X
H2 Pro 550	●	●	●	●	●	●	●	●
H2 Sense	●	●	●	●	●	●	●	●
H2 Extreme	X	X	X	X	X	X	X	X
H4 Lite CSP	●	●	●	●	●	●	●	●
H4 Pro 550	●	●	●	●	●	●	●	●
H5 Trimless	●	●	●	X	●	X	X	X
1901	●	●	●	●	●	●	●	●

DOWNLIGHTS



Quick and easy installation with easy-fit connector



Plaster-in downlight



Insulation coverable

GUARANTEE

7 years

BENEFITS

Only 6W

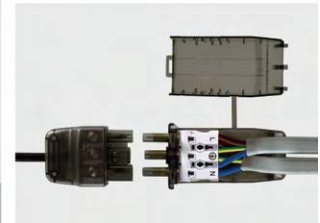
Mains dimmable

Good efficacy of 108lm/W

Recessed fitting for lower glare rating

Flexible driver position for easy installation

Discrete downlight that blends into ceiling surface



H5 TRIMLESS

Plaster-in, trimless, dimmable, fire-rated downlight

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Easy-fit connector
Colour Flexibility	Single CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	Fixed	Cut Out Size	60-72mm
Rotation Angle (°)	Fixed	Bathroom Zone	1
UGR	14	Inrush Current	0.9A 0.05ms
Sensor	None	Construction Material	Mild Steel
Dimmable	Mains (Leading Edge/Trailing Edge)	Suitable For Coastal Areas	No
Input	220-240V AC	Max Ceiling Thickness	40mm
LED Life	L70 70,000h	Ambient Temperature	40°C
CRI	CRI>80	SELV	Yes
SDCM	SDCM3	Building Regulations	Part B, C, E, P & L
Emergency Option	None	Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min
		Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
DL282WHNWDIM	Matt White	6W	4000K	38	650	108	
DL282WHWWDIM	Matt White	6W	3000K	38	600	100	

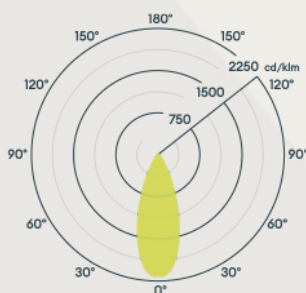
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H03VVH2-F (2 CORE 0.75MM)

ACCESSORIES

DM298FP	100W LED 2 way push on/ off rotary dimmer	40
DM298GRID	250W LED mains grid dimmer	40

BEAM (°): 38



Ø114/172mm





Designed for living spaces to suit architectural decor



True low glare UGR19 as opposed to perceived low glare



Wattage Switch enables range from 550 up to 1000 lumens

H2 DECO

Wattage & CCT Switchable Architectural Downlight

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Loop in / Loop out
Colour Flexibility	Switchable CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	Fixed	Double Insulation	Yes
Rotation Angle (°)	Fixed	Cut Out Size	72-75mm
UGR	19	Bathroom Zone	1
Sensor	None	Inrush Current	5A 150us
Dimmable	Mains (Leading Edge/ Trailing Edge)	Construction Material	PC, Steel
Input	220-240V AC	Max Ceiling Thickness	40mm
LED Life	L70 44,000h	Ambient Temperature	-10-40°C
Emergency Option	Optional	SELV	Yes
IP Rating (from above)	IP20	Building Regulations	Part B, C, E, P & L
		Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
		Mounting Options	Frame Recessed
		Electric Class	II

GUARANTEE

5 years

BENEFITS

CCT Switchable Product enables colour temperature choice between 2200K-2700K-3000K-4000K

Select 2700K to highlight warm tones in wood, red brick or sandstone

Select 2200K 'Ember Light' to minimise blue light and create a cosy fireplace environment

PHOTOMETRICS @ 25°C

W	Colour	Beam (°)	lm	Lm/W	Energy
6.5W	2200K	40	550	85	
	2700K		600	92	
	3000K		650	100	
	4000K		700	108	
10W	2200K	40	750	75	
	2700K		900	90	
	3000K		950	95	
	4000K		1000	100	

Default Settings: 3000K colour temperature, 10W power consumption.

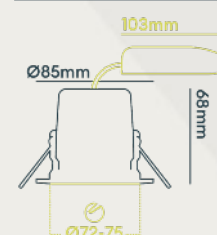
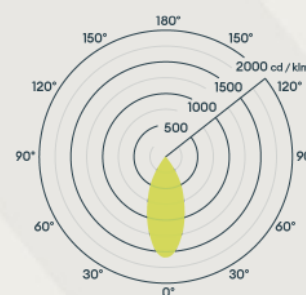
PRODUCT CODES

H2D1BLKBLK	Matt Black	H2D1BLKWHI	Standard	H2D1WHIWHI	Matt White
H2D1BLKBLKD	DALI-2	H2D1BLKWHID	DALI-2	H2D1WHIWHID	DALI-2

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

BEAM (°): 40



DOWNLIGHTS

IP65 IP65 from above and below for total protection

 Suitable for use in coastal applications

 New 2200K to minimise effects of blue light

GUARANTEE

4 years

BENEFITS

Use 2700K to illuminate materials such as wooden fences, sand or red brick to highlight warm tones

Select 2200K to minimise the effects blue light content has on nocturnal animals to help survival and growth rates

TRIAC mains dimmable suitable for leading and trailing edge dimmers

Integrated corrosion protected bezel

Pair with dusk to dawn sensor PCELL kit to bring on when dark and off when light






H2 EXTREME

IP65 downlight suitable for installing outdoor in building soffits and canopies

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Flying lead
Colour Flexibility	Switchable CCT	Insulation Coverable	No
Tilt Angle (°)	Fixed	Cut Out Size	65-75mm
Rotation Angle (°)	Fixed	Bathroom Zone	1 (ceiling only)
UGR	22	Inrush Current	2.3A 0.06ms
Sensor	None	Construction Material	ADC12 Aluminium Alloy, PC
Dimmable	Mains (Leading Edge/ Trailing Edge)	Suitable For Coastal Areas	Yes
Input	220-240V AC	Max Ceiling Thickness	30mm
LED Life	L70 40,000h	Ambient Temperature	-20-40°C
CRI	CRi>80	SELV	Yes
SDCM	SDCM4	Building Regulations	Part C, P & L
Emergency Option	None	Mounting Options	Recessed
		Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
H2EXTIA	Anthracite	5W	2200K	40	480	96	
			2700K		570	114	
			3000K		560	112	
H2EXTIB	Black	5W	2200K	40	480	96	
			2700K		570	114	
			3000K		560	112	
H2EXTIW	White	5W	2200K	40	480	96	
			2700K		570	114	
			3000K		560	112	

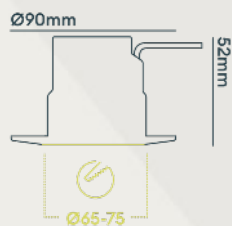
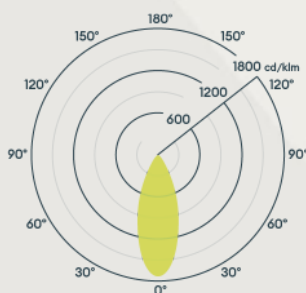
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H03VVH2-F
Conductor Cross Section	0.75mm ²




ACCESSORIES

DM298FP	100W LED 2 way push on/ off rotary dimmer	40
DM298GRID	250W LED mains grid dimmer	40
PCELLKIT	Wall Mounted Photocell Kit	

BEAM (°): 40





-  Colour switchable between 2700K, 3000K and 4000K
-  PIR light for switching lights OFF that keep getting left ON
-  High efficacy up to 113lm/W

H2 SENSE

Fire-rated downlight within integral PIR and switched live out functionality

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Integrated terminals, loop-in/loop-out
Colour Flexibility	Switchable CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	Fixed	Double Insulation	Yes
Rotation Angle (°)	Fixed	Cut Out Size	68-72mm
UGR	28	Bathroom Zone	1
Sensor	None	Inrush Current	<5A 0.15ms
Dimmable	None	Construction Material	PC, Steel
Input	220-240V AC	Max Ceiling Thickness	40mm
LED Life	L70 B10 44,000h	Ambient Temperature	-10-40°C
CRI	CRI>80	SELV	Yes
SDCM	SDCM3	Building Regulations	Part B, C, E, P & L
Emergency Option	Optional	Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
IP Rating (from above)	IP20	Electric Class	II

GUARANTEE

5 years

BENEFITS

Hold time - adjust from 30secs up to 15 minutes

Sensitivity - Adjust from close range of 10cm up to 2 metres away

Lux Level - Adjust to keep the light OFF when there is enough natural daylight

Switched live out to other lights up to 200W (max 30 H2 Sense)


Fire-rated Downlight

Emergency options available with LEDEP14 or LEDEP15

Bezel sold separately

Over rideable with switch

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
DLSense	6W	2700K	50	600	100	
		3000K		650	108	
		4000K		675	113	

Energy rating is a reflection of the LED light source.

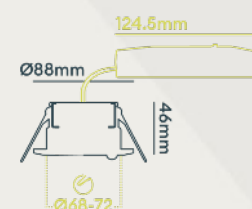
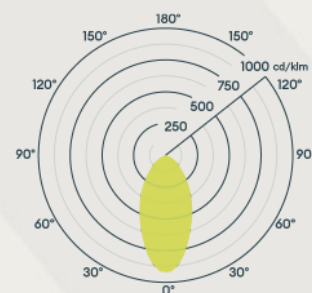
WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

H2 Sense Bezels	PIR or Non-PIR Bezels for H2 Sense	38
LEDEP14	H2 Sense stand alone emergency pack	
LEDEP15	H2 Sense primary switching emergency pack	

BEAM (°): 50



DOWNLIGHTS



Colour switchable between 2700K, 3000K and 4000K



High efficacy of 130lm/W



Insulation coverable

GUARANTEE

7 years

BENEFITS

Wattage switchable between 5W and 7W

Quick and easy installation with easy-fit connector

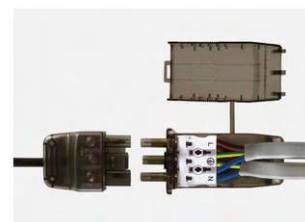
Integrated emergency option available

Compatible with twist and lock bezels

2 part, push fit, loop in/ loop out connector

Mains dimmable

When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.



H2 PRO

70,000hrs long lifetime fire-rated downlight with detachable driver for easy repair/upgrade

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Easy-fit connector
Colour Flexibility	Switchable CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	Fixed	Cut Out Size	64-72mm
Rotation Angle (°)	Fixed	Bathroom Zone	1
UGR	28	Inrush Current	1A 7.5ms
Sensor	None	Construction Material	Mild Steel
Dimmable	Mains (Leading Edge/ Trailing Edge)	Suitable For Coastal Areas	No
Input	220-240V AC	Max Ceiling Thickness	40mm
LED Life	L70 70,000h	Ambient Temperature	-10-40°C
Emergency Option	Optional	SELV	Yes
		Building Regulations	Part B, C, E, P & L
		Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
		Electric Class	II
		Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
DLE5245500	5W	2700K	55	550	110	140	
		3000K		650	130	155	
		4000K		650	130	155	
	7W	2700K		750	107		
		3000K		850	121		
		4000K		850	121		

Product not suitable for exterior use, please use H2 Pro Extreme. Energy rating is a reflection of the LED light source.

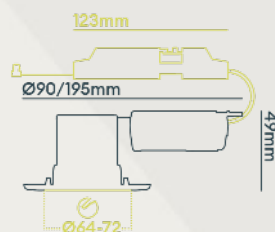
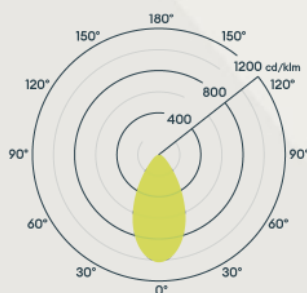
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	2 x twin & earth or 3-Core
Connectable Conductor Cross Section	0.75-1.5mm ²


ACCESSORIES


H2 Bezels	Twist & lock system makes changing bezels quick, clean and easy	38
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BEAM (°): 55





 Quick and easy installation with easy-fit connector

 High efficacy of 112lm/W

 Insulation coverable

GUARANTEE
7 years





BENEFITS

- Flexible driver with adapted flexible neck
- I Joist and Metal Web Approved
- Compatible with twist and lock bezels
- Tri-LED configuration
- 2 part, push fit, loop in/ loop out connector
- Fixed position downlight
- When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.

H2 PRO 550

Dimmable, fire-rated downlight with Easy-fit connector

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Easy-fit connector
Colour Flexibility	Single CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	Fixed	Cut Out Size	64-72mm
Rotation Angle (°)	Fixed	Bathroom Zone	1
UGR	16	Inrush Current	1.4A /0.1ms
Sensor	None	Construction Material	Mild Steel
Dimmable	Mains (Leading Edge/ Trailing Edge)	Suitable For Coastal Areas	No
Input	220-240V AC	Max Ceiling Thickness	40mm
LED Life	L70 70,000h	Ambient Temperature	-10-40°C
CRI	CRI>80	SELV	Yes
SDCM	SDCM3	Building Regulations	Part B, C, E, P & L
Emergency Option	None	Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
		Electric Class	II

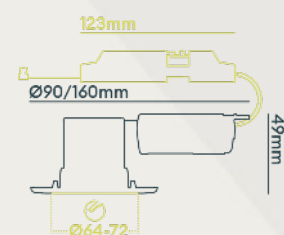
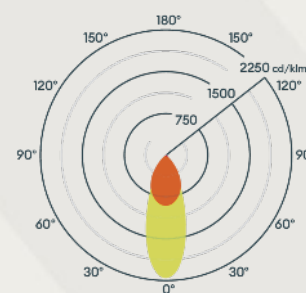
PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
DLE4723830	5.2W	3000K	38	550	106	
DLE4723840	5.2W	4000K	38	580	112	
DLE4727030	5.2W	3000K	70	550	106	
DLE4727040	5.2W	4000K	70	580	112	

Product not suitable for exterior use, please use H2 Pro Extreme.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	2 x twin & earth or 3-Core
Connectable Conductor Cross Section	0.75-1.5mm²

ACCESSORIES	
LEDEPIO	Emergency converter, Self-test & Manual-test switchable, maintained
H2 Bezels	Twist & lock system makes changing bezels quick, clean and easy 38

BEAM (°): **38, 70**



DOWNLIGHTS



Quick and easy installation with easy-fit connector



High efficacy of 112lm/W



Insulation coverable

GUARANTEE

7 years

BENEFITS

Slimline twist & lock bezels (sold separately)

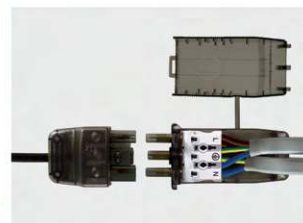
Shallow depth of 49mm

Flexible driver position for easy installation

Has a built-in insulated protector

When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.

Tiltable to light up walls or for use in vaulted ceilings.



H4 PRO 550

Dimmable, fire-rated LED downlight and Easy-fit connector

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Easy-fit connector
Colour Flexibility	Single CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	20	Bathroom Zone	1
Rotation Angle (°)	Fixed	Construction Material	Mild Steel
Sensor	None	Suitable For Coastal Areas	No
Dimmable	Mains (Leading Edge/Trailing Edge)	Max Ceiling Thickness	40mm
Input	220-240V AC	Ambient Temperature	-10-40°C
LED Life	L70 70,000h	SELV	Yes
CRI	CRI>80	Building Regulations	Part B, C, E, P & L
SDCM	SDCM3	Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
Emergency Option	None	Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
DLE4353830	5.2W	3000K	38	550	106	A D
DLE4353840	5.2W	4000K	38	580	112	A D
DLE4357030	5.2W	3000K	70	550	106	A D
DLE4357040	5.2W	4000K	70	580	112	A D

Product not suitable for exterior use, please use H2 Pro Extreme.

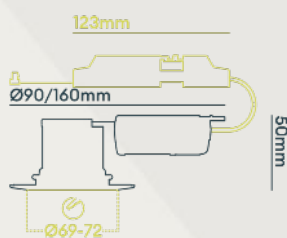
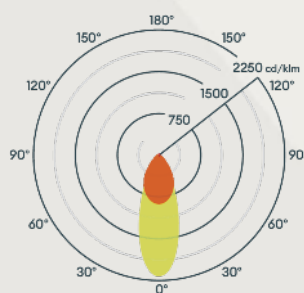
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	2 x twin & earth or 3-Core
Connectable Conductor Cross Section	0.75-1.5mm ²

ACCESSORIES

DLCONVERT 70	Hole converter plates for the H2 Pro/H4 Pro/H2 Lite ranges ø170mm	39
DLCVT110	DLCVT110	39
DM298FP	100W LED 2 way push on/ off rotary dimmer	40
DM298GRID	250W LED mains grid dimmer	40

BEAM (°): 38, 70






-  Colour switchable between 2700K, 3000K and 4000K
-  Up to 130lm/W
-  Shallow depth of 44MM

H2 LITE SELECT

CCT Switchable Residential Downlight

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	2 part first fit connector
Colour Flexibility	Switchable CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	Fixed	Double Insulation	Yes
UGR	25	Cut Out Size	60-72mm
Sensor	None	Bathroom Zone	1
Dimmable	Mains (Leading Edge/ Trailing Edge)	Inrush Current	4.5A 10us
Input	220-240V AC	Construction Material	Mild Steel, PC
LED Life	L70 50,000h	Max Ceiling Thickness	40mm
CRI	CRI>80	Ambient Temperature	-10-40°C
SDCM	SDCM6	SELV	Yes
Emergency Option	None	Building Regulations	Part B, C, E, P & L
IP Rating (from above)	IP20	Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
		Electric Class	II

PHOTOMETRICS @ 25°C						
Type	W	Colour	Beam (°)	lm	Lm/W	Energy
Matt Black	5W	2700K	55	600	120	
		3000K		650	130	
		4000K		650	130	

Product not suitable for exterior use, please use H2 Pro Extreme. Energy rating is a reflection of the LED light source.

PRODUCT CODES			
DLT389BLK	Matt Black	DLT389MW	Matt White
DLT389BS	Brushed Steel	DLT389MWA10	Multipack x 10

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES		
DM298FP	100W LED 2 way push on/ off rotary dimmer	40
DM298GRID	250W LED mains grid dimmer	40

GUARANTEE

5 years

BENEFITS

New lever terminal block complete with testing ports for speed and ease of installation LENNEL

2-part connector provides first fix wiring whilst the luminaire is detached from the connector, loop in loop out, quick maintenance should disconnection/reconnection be required

Collingwood have tested the H2 Lite Select and confirmed they work together with the Click Flow CT100 series without compatibility issues.

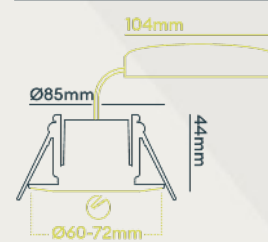
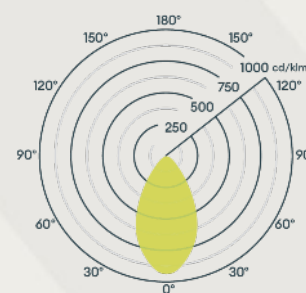
TRIAC Mains dimmable

When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.

Insulation Coverable

FSC Certificated packaging and zero plastic ensure minimal waste

BEAM (°): 55



DOWNLIGHTS



Colour switchable between 2200K, 2700K, 3000K and 4000K



Innovative smooth glide clip design for smooth installation



Front switches allow you to choose options at install

GUARANTEE

7 years

BENEFITS

New lever terminal block complete with testing ports for speed and ease of installation LENNEL

2-part connector provides first fix wiring whilst the luminaire is detached from the connector, loop in loop out, quick maintenance should disconnection/reconnection be required

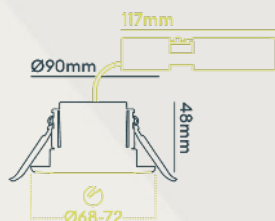
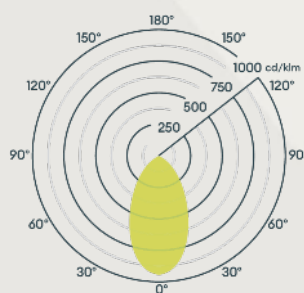
Collingwood have tested the H2 Lite CSP and confirmed they work together with the Click Flow CT100 series without compatibility issues.

Select 2200K 'Ember Light' to minimise blue light and create a cosy fireplace environment

Compatible with H2 Twist and lock bezels

When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.

BEAM (°): 55



H2 LITE CSP

Wattage & CCT Switchable Residential Downlight

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	2 part first fit connector
Colour Flexibility	Switchable CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	Fixed	Double Insulation	No
Rotation Angle (°)	Fixed	Cut Out Size	68-72mm
UGR	25	Bathroom Zone	1
Sensor	None	Inrush Current	2A 0.3ms
Dimmable	Mains (Leading Edge/Trailing Edge)	Construction Material	Mild Steel, PC
Input	220-240V AC	Max Ceiling Thickness	40mm
LED Life	L70 40,000h	Ambient Temperature	-20-40°C
CRI	CRI>80	SELV	No
SDCM	SDCM4	Building Regulations	Part B, C, E, P & L
Emergency Option	None	Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
IP Rating (from above)	IP20	Electric Class	I

PHOTOMETRICS @ 25°C

Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
White	4W	2200K	55	460	115	
		2700K		520	130	
		3000K		560	140	
		4000K		580	145	
	6W	2200K		630	105	
		2700K		720	120	
		3000K		750	125	
		4000K		780	130	

Product not suitable for exterior use, please use H2 Pro Extreme. Energy rating is a reflection of the LED light source.

PRODUCT CODES

DLT551500B Single unit




DLT551500B10 Multipack x 10

WIRING INFORMATION

Type Of Wiring Required Parallel

Connectable Conductor Cross Section 0.75-2.5mm²



-  Colour switchable between 2700K, 3000K and 4000K
-  Wattage Switchable between 4W & 6W
-  Switches allow you to choose

GUARANTEE
7 years


- BENEFITS**
- Tiltable to highlight features on walls
 - 2-part connector provides first fix wiring whilst the luminaire is detached from the connector, loop in loop out, quick maintenance should disconnection/reconnection be required
 - High efficacy of 130lm/W
 - Compatible with Click Flow CT100 series
 - TRIAC Mains dimmable

H4 LITE CSP

Colour & Wattage Switchable using switches on bottom of product

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	2 part first fit connector
Colour Flexibility	Switchable CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	30	Double Insulation	Yes
Rotation Angle (°)	Fixed	Cut Out Size	70-72mm
UGR	25	Bathroom Zone	1
Dimmable	Mains (Leading Edge/ Trailing Edge)	Inrush Current	1.4A
Input	220-240V AC	Construction Material	PC, Steel
LED Life	L70 60,000h	Suitable For Coastal Areas	No
Emergency Option	None	Max Ceiling Thickness	40mm
IP Rating (from above)	IP20	Ambient Temperature	-20-40°C
		SELV	No
		Building Regulations	Part B, C, E, P & L
		Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
		Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
DLT661600A	White	4W	2700K	55	450	112	
			3000K		520	130	
			4000K		500	125	
		6W	2700K		650	108	
			3000K		750	125	
			4000K		720	120	

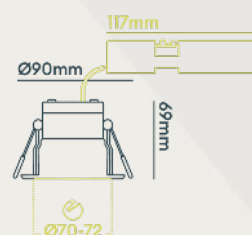
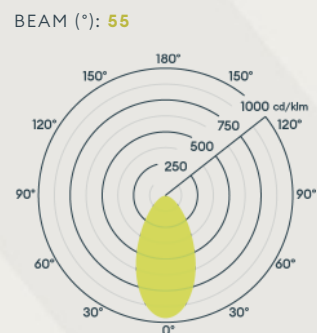
Default Settings: 3000K colour temperature, 6W power consumption.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

DLT661BLKBZ	Black Bezel for H4 Lite CSP	38
DLT661BSBZ	Brushed Steel Bezel for H4 Lite CSP	38



H2 & H4 BEZELS



Choose The Ideal Bezel

Change the look without having to change the fitting with our twist and lock bezel options. Slimline, low profile, easy to fit and change.

Type	Antique Brass	Matt Black	Brushed Steel	Chrome	Matt White	Gloss White	Polished Gold	Silver
Round H2 Bezel				X				
Square H2 Bezel	X		X	X		X		
Round H2 Sense Bezel	X		X	X		X	X	X
Round H4 Bezel					X	X	X	X

PRODUCT CODES

Product Code	Description	Finish	Compatible With	Guarantee
DLT661ABBZ	Round bezel	Antique brass	H4 Lite CSP	Covered as part of the downlight warranty
DLT661BLKBZ	Round bezel	Brushed steel	H4 Lite CSP	Covered as part of the downlight warranty
DLT661BSBZ	Round bezel	Matt black	H4 Lite CSP	Covered as part of the downlight warranty
DLT661CRBZ	Round bezel	Chrome	H4 Lite CSP	Covered as part of the downlight warranty
RB359AB	Round bezel	Antique brass	H2 Downlights	Covered as part of the downlight warranty
RB359BLK	Round bezel	Matt black	H2 Downlights	Covered as part of the downlight warranty
RB359BS	Round bezel	Brushed steel	H2 Downlights	Covered as part of the downlight warranty
RB359MW	Round bezel	Matt white	H2 Downlights	Covered as part of the downlight warranty
RB359PG	Round bezel	Polished gold	H2 Downlights	Covered as part of the downlight warranty
RB359SIL	Round bezel	Silver	H2 Downlights	Covered as part of the downlight warranty
RB359WH	Round bezel	Gloss white	H2 Downlights	Covered as part of the downlight warranty
SQB360BLK	Square bezel	Matt black	H2 Downlights	Covered as part of the downlight warranty
SQB360MW	Square bezel	Matt white	H2 Downlights	Covered as part of the downlight warranty
SQB360PG	Square bezel	Polished gold	H2 Downlights	Covered as part of the downlight warranty
SQB360SIL	Square bezel	Silver	H2 Downlights	Covered as part of the downlight warranty
DLSENBBEZP	Round bezel with PIR sensor	Matt black	H2 Sense	Covered as part of the downlight warranty
DLSENBBEZ	Round bezel	Matt black	H2 Sense	Covered as part of the downlight warranty
DLSENBBEZP	Round bezel with PIR sensor	Matt white	H2 Sense	Covered as part of the downlight warranty
DLSENBBEZ	Round bezel	Matt white	H2 Sense	Covered as part of the downlight warranty

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	DLT661BLKBZ	DLT661BSBZ	RB359AB	RB359BLK	RB359BS	RB359MW	RB359PG	RB359SIL	RB359WH	SQB360BLK	SQB360MW	SQB360PG	SQB360SIL	RB442BLK	RB442BS	RB442CR	RB442MW	RB442WH
H2 Downlight Range	X	X	●	●	●	●	●	●	●	●	●	●	●	X	X	X	X	X
H4 Lite CSP	●	●	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
H4 Downlight Range	X	X	X	X	X	X	X	X	X	X	X	X	X	●	●	●	●	●

CONVERTER PLATES

Choose The Ideal Converter

The converter plate can be used to install a downlight where the ceiling cut out is too large, or to conceal ceiling damage caused by the removal of an old downlight

Type	Matt Black	Brushed Steel	Chrome	Matt White	Gloss White
Round Converter Plate 110mm Diameter					
Round H5 Converter Plate 170mm Diameter	X				X
Round H2 Converter Plate 170mm Diameter	X				

PRODUCT CODES

Product Code	Description	Finish	Cut-Out (mm)	Guarantee
DLCVT110BLK	Discreet converter plates for the downlight range, 110mm diameter	Matt black	72-95	7 years
DLCVT110BS	Discreet converter plates for the downlight range, 110mm diameter	Brushed steel	72-95	7 years
DLCVT110CR	Discreet converter plates for the downlight range, 110mm diameter	Chrome	72-95	7 years
DLCVT110MW	Discreet converter plates for the downlight range, 110mm diameter	Matt white	72-95	7 years
DLCVT110WH	Discreet converter plates for the downlight range, 110mm diameter	Gloss white	72-95	7 years
DLCVT170BS	Converter plates for the H5 downlight range, 170mm diameter	Brushed steel	112-155	7 years
DLCVT170CR	Converter plates for the H5 downlight range, 170mm diameter	Chrome	112-155	7 years
DLCVT170MW	Converter plates for the H5 downlight range, 170mm diameter	Matt white	112-155	7 years
DLCONVERT70BS	Hole converter plates for the H2 Pro/H4Pro/H2 Lite ranges, 170mm diameter	Brushed steel	53-150	7 years
DLCONVERT70CR	Hole converter plates for the H2 Pro/H4Pro/H2 Lite ranges, 170mm diameter	Chrome	53-150	7 years
DLCONVERT70MW	Hole converter plates for the H2 Pro/H4Pro/H2 Lite ranges, 170mm diameter	Matt white	70-150	7 years
DLCONVERT70WH	Hole converter plates for the H2 Pro/H4Pro/H2 Lite ranges, 170mm diameter	Gloss white	53-150	7 years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	RB359AB	RB359BLK	RB359BS	RB359MW	RB359PG	RB359SIL	RB359WH	SQB360BLK	SQB360MW	SQB360PG	SQB360SIL	RB442BLK	RB442BS	RB442CR	RB442MW	RB442WH
H2 Downlight Range	●	●	●	●	●	●	●	●	●	●	●	X	X	X	X	X
H4 Lite CSP	X	X	X	X	X	X	X	X	X	X	X	●	●	●	●	●



DM298GRID

250W LED MAINS GRID DIMMER

Product Code	Description
DM298GRID	250W LED mains grid dimmer

INSTALLATION INFORMATION

Product Code	Description
Guarantee	1 Year
Construction Material	Plastic
Dimmer Type	Push on / off, rotary dial dim
Grid Plate Adapters	White adaptors for Hamilton, MK, BG, Crabtree, Schneider, DETA, Hager & Wandsworth grid ranges
Mains Supply Voltage	220-240V AC
Load Type	LED dimmable driver only
Load Capacity	5-250W / 15 LED Units Max.
Phase Firing	Trailing edge dimming
Connection Terminals	3mm ² Max
Back Box Depth	35mm min
Surface Temperature	40°C

USE WITH

Compatible with all Collingwood dimmable products

DM298GRID

250W LED MAINS GRID DIMMER

Product Code	Description
DM298FP	100W LED 2 way push on/ off rotary dimmer

INSTALLATION INFORMATION

Product Code	Description
Guarantee	1 Year
Construction Material	Plastic
Dimmer Type	Push on / off, rotary dial dim
Grid Plate Adapters	-
Mains Supply Voltage	220-240V AC
Load Type	LED dimmable driver only
Load Capacity	5-100W / 10 LED Units Max.
Phase Firing	Trailing edge dimming
Connection Terminals	3mm ² Max
Back Box Depth	35mm min
Surface Temperature	40°C

USE WITH

Compatible with all Collingwood dimmable products

Use the dimming matrix guide below to determine the correct amount of downlights used per dimmer.

PRODUCT CODES

Product Code	Wattage	DMS98FP	DM298GRID
1901	9.6W	1 - 9	1 - 15
1901 DIM TO WARM	10W	1 - 9	1 - 15
H2 Deco	6.5W / 10W	1 - 9	1 - 15
H2 Lite	4.3W	1 - 10	1 - 15
H2 Lite CSP	4.2W / 6W	1 - 10	1 - 15
H2 Pro	5W / 7W	1 - 10	1 - 15
H2 Pro 550	5.2W	1 - 10	1 - 15
H2 Pro Extreme	5W	1 - 10	1 - 15
H4 Lite CSP	4.3W	1 - 10	1 - 15
H4 Pro 550	5.2W	1 - 10	1 - 15
H5 Trimless	6W	1 - 10	1 - 15



1901



BUILDING YOUR 1901 PRODUCT CODE

Using the matrix below, working from left to right build your product code.



DOWNLIGHTS

Create your downlight product code by picking from the options to the right (Fire rated as standard)



PENDANTS

Create your pendant product code by picking from the options to the right



ROTATABLE SPOT

Create your rotatable spot product code by picking from the options to the right

1

PRODUCT
TYPE

2

HOUSING/
TRIM COLOUR

3

BAFFLE
COLOUR

4

STYLE

BD
Baffled
downlight

B
Matt black
housing

0
Matt white
baffle

0
Slim round bezel
(available in fixed only)

L
Matt white
housing

1
Matt black
baffle

1
Round bezel

2
Square bezel

3
Single trimless

4
Double trimless

BP
Baffled
pendant

B
Matt black
housing &
black cable

0
Matt white
baffle

5
Semi-
recessed

C
Matt white
housing &
black cable

1
Matt black
baffle

6
Surface mount
(available in mains
dimming only)

L
Matt white
housing &
white cable

BS
Baffled
spot

B
Matt black
housing

0
Matt white
baffle

5
Semi-
recessed

L
Matt white
housing

1
Matt black
baffle

6
Surface mount
(available in mains
dimming only)

EXAMPLE

If you wanted a baffled pendant that has matt white housing with black cable, matt black baffle, surface mounted, 3000K, 24° beam angle, mains dimmable, that's not IP65 rated - your product code would be:

PRODUCT CODE

BPC16F30MM

5

FIXED /
ADJUSTABLE

6

COLOUR
TEMPERATURE

7

BEAM
ANGLE

8

DIMMING

9

IP RATING
(leave blank for non-IP)

A
Adjustable

F
Fixed

27
2700K

28
Dim to warm
(available in mains
dimming only)

30
3000K

40
4000K

N
Narrow 12°
(not available in
dim to warm)

M
Medium 24°

W
Wide 50°
(dim to warm is 45°)

D
DALI-2

M
Mains

V
1-10V

I
IP65
(available in fixed only)

Leave blank
Standard
(IP20 or IP44)

F
Fixed
(default)

27
2700K

28
Dim to warm
(available in mains
dimming only)

30
3000K

40
4000K

N
Narrow 12°
(not available in
dim to warm)

M
Medium 24°

W
Wide 50°
(dim to warm is 45°)

D
DALI-2
(available in
semi-recessed only)

M
Mains

V
1-10V
(available in
semi-recessed only)

Leave blank
Standard
(IP44)

A
Adjustable
(default)

27
2700K

28
Dim to warm
(available in mains
dimming only)

30
3000K

40
4000K

N
Narrow 12°
(not available in
dim to warm)

M
Medium 24°

W
Wide 50°
(dim to warm is 45°)

D
DALI-2
(available in
semi-recessed only)

M
Mains

V
1-10V
(available in
semi-recessed only)

Leave blank
Standard
(IP44)

BUILDING YOUR 1901 PRODUCT CODE

Choose the ideal 1901 for your project

1 PRODUCT TYPE

The 1901 range is elegant in its simplicity; a downlight with a slim and discreet flat metal bezel, an elongated and slender pendant tube, and a neat and compact rotatable spot

BD - Baffled downlight

A classic downlight which can be fixed or adjustable. A great choice for general illumination of any space. (Fire rated as standard)

BP - Baffled pendant

The suspension height of the surface mounted pendant can be adjusted by altering the length of the fabric-covered cable on site. It is also mains dimmable as standard, making it perfect for highlighting kitchen islands or dining tables.

BS - Baffled rotatable spot

A great choice for flexible illumination of focal points, such as artwork or architectural details, creating contrast and drama. Also comes with a choice of a recessed or surface mounted base plate and a range of dimmable driver options



2 HOUSING / TRIM COLOUR

All products in the 1901 range are available in matt black or matt white finish

B - Matt black

A great choice to make the product appear invisible on a dark surface, or create contrasting drama against a light surface.

L - Matt white

Our most popular finish is simply discreet and stylish.

C - Matt white with black cable



3 BAFFLE COLOUR

With a stylish and sleek design our choice of baffles will create beautifully lit interior spaces.

0 - Matt white baffle

All our downlights, pendants and rotatable spots are available with a matt white baffle for a discreet look.

1 - Matt black baffle

All our downlights, pendants and rotatable spots are available with a matt black baffle for low glare.



BUILDING YOUR 1901 PRODUCT CODE

Choose the ideal 1901 for your project

4 STYLE

Downlight options

Showcasing an aesthetically simple, low-glare luminaire design with superior performance. Choose from round, slim round, square, single trimless or double trimless downlight styles to perfectly illuminate residential and hospitality spaces.



0 - Slim round bezel

Available in fixed only
Cut out size $\text{\O}65\text{-}68\text{mm}$



1 - Round bezel

Fixed cut out size $\text{\O}65\text{-}78\text{mm}$
Adjustable cut out size $\text{\O}76\text{-}78\text{mm}$



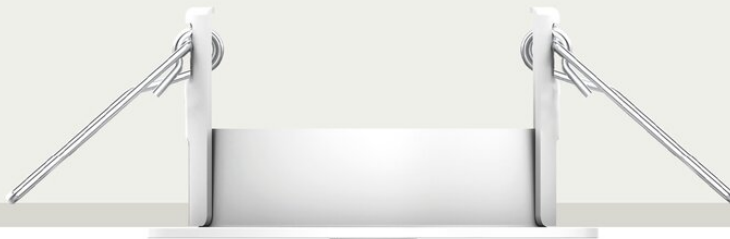
2 - Square bezel

Fixed cut out size $\text{\O}65\text{-}78\text{mm}$
Adjustable cut out size $\text{\O}76\text{-}78\text{mm}$

Mounting options for pendants and rotatable spots

5 - Semi recessed

The remote driver and base plate with springs makes this option ideal for mounting on ceilings and walls with a void space.



Single and double trimless versions are plastered in place for the ultimate discreet and stylish finish.



3 - Single trimless

Cut out size $\varnothing 68-86\text{mm}$

4 - Double trimless

Cut out size 2 x $\varnothing 68-86\text{mm}$

6 - Surface mounted

The mains dimmable driver is integrated into the base, which is ideal when there is limited void space.



BUILDING YOUR 1901 PRODUCT CODE

Choose the ideal 1901 for your project

5 FIXED / ADJUSTABLE

The functional fittings are available in fixed or adjustable options.

F - Fixed

Fixed downward position achieves a broad spread of ambient light throughout a space.

A - Adjustable

Light can be directed to where it is required, such as highlighting features and artwork on walls.



6 COLOUR TEMPERATURE

Creating the ambience and mood of a room is hugely dependant on the chosen lighting. Our selection of colour temperatures result in a comfortable yet high impact lit effect which luxuriously enhances interiors and architectural features.

2700K

Create an inviting, warm ambience, ideal for living rooms and bedrooms where you want to promote relaxation.

3000K

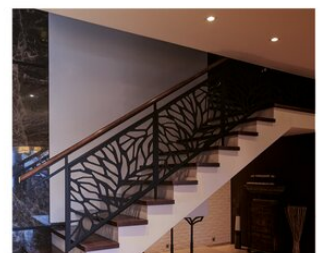
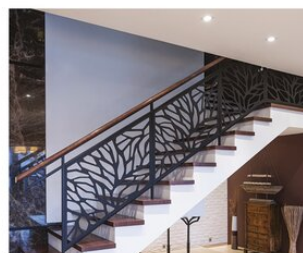
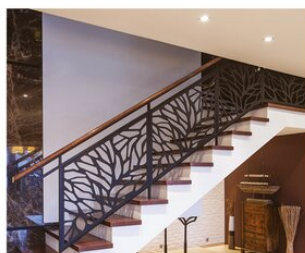
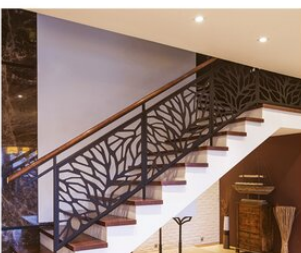
This is a moderately warm white light which is ideal for general use in residential projects.

4000K

This is a brighter white light so is an excellent choice for home offices and gyms.

Dim to Warm

Mimic traditional light sources by creating a progressively warmer light as you dim the fitting. 3000K at 100% brightness is perfect for everyday use, or dim all the way through to 1800K at 10% brightness for a really cosy and intimate environment.



7 BEAM ANGLE

Wide, medium and narrow beam options can be selected, which can achieve the desired effect for the size of space.

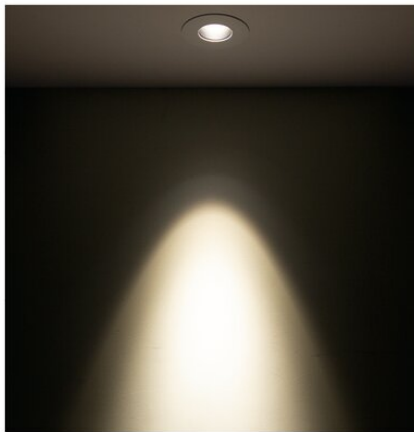
N - Narrow 12°

The narrow beam option has a greater intensity, making it ideal for highlighting features. (Not available in Dim to warm)



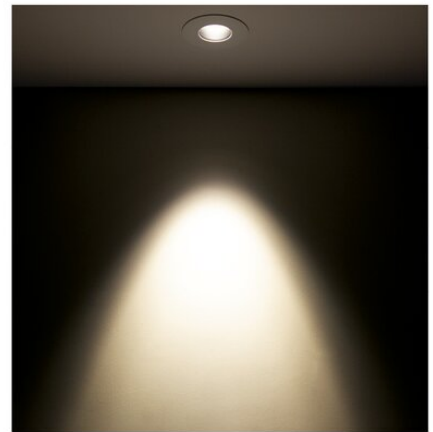
M - Medium 24°

Medium beam option has more a wider spread of light, and is a good choice for corridors.



W - Wide 45° or 50°

Wide beam angle is a good choice for creating an even spread of light across a wide open area.



8 DIMMING OPTIONS

Choose from a choice of drivers to suit any control preferences.



M - Mains driver

A mains driver is suited for dimming via a mains circuit and dimmer switch. Comes with the Collingwood Easy-fit connector to speed-up the installation process.



D - DALI-2 driver

Commission a DALI-2 system to control individual 1901 fittings, or groups of fittings, with the smooth and simple operation as expected from this digital protocol.



V - 1-10V driver

The choice for dimming via an analogue 1-10V control system. Up to 10 drivers can be linked to one dimmer.

BUILDING YOUR 1901 PRODUCT CODE

Choose the ideal 1901 for your project

9 IP RATING

Three IP ratings are available depending on preference.

IP20

The lowest IP rating of the range is perfect for almost all indoor spaces, such as living rooms, dining rooms and hallways.



IP44

A great choice where there may be a potential exposure to water spray, such as kitchens.



IP65

Where there is a high probability of water spray and airborne moisture, choose IP65. Great for bathrooms.



NOW FIRE-RATED

The 1901 downlight range is now completely fire-rated and no-longer requires a fire hood.



TECHNICAL INFORMATION

Use the table below to work out the photometric data for your 1901 product.

1901	CCT	Beam angle	Wattage	CRI	Lumens	Efficacy (lm/W)	lux at 1m	Energy
Single fitting (black baffle)	4000K	12°	9.6W	≥90Ra	850	94	9018	
	4000K	24°	9.6W	≥90Ra	850	94	3450	
	4000K	50°	9.6W	≥90Ra	850	94	1400	
	3000K	12°	9.6W	≥90Ra	800	89	7816	
	3000K	24°	9.6W	≥90Ra	800	89	3250	
	3000K	50°	9.6W	≥90Ra	800	89	1300	
	2700K	12°	9.6W	≥90Ra	800	89	7214	
	2700K	24°	9.6W	≥90Ra	800	89	3250	
	2700K	50°	9.6W	≥90Ra	800	89	1300	
	Dim to warm	24°	9.6W	≥90Ra	600	60	3148	
	Dim to warm	45°	9.6W	≥90Ra	600	60	1147	
	Double fitting (black baffle)	4000K	12°	19.2W	≥90Ra	2 x 850	94	2 x 9018
4000K		24°	19.2W	≥90Ra	2 x 850	94	2 x 3450	
4000K		50°	19.2W	≥90Ra	2 x 850	94	2 x 1400	
3000K		12°	19.2W	≥90Ra	2 x 800	89	2 x 7816	
3000K		24°	19.2W	≥90Ra	2 x 800	89	2 x 3250	
3000K		50°	19.2W	≥90Ra	2 x 800	89	2 x 1300	
2700K		12°	19.2W	≥90Ra	2 x 800	89	2 x 7214	
2700K		24°	19.2W	≥90Ra	2 x 800	89	2 x 3250	
2700K		50°	19.2W	≥90Ra	2 x 800	89	2 x 1300	
Dim to warm		24°	19.2W	≥90Ra	2 x 600	60	2 x 3148	
Dim to warm		45°	19.2W	≥90Ra	2 x 600	60	2 x 1147	
Single fitting (white baffle)		4000K	12°	9.6W	≥90Ra	900	100	9018
	4000K	24°	9.6W	≥90Ra	900	100	3550	
	4000K	50°	9.6W	≥90Ra	900	100	1450	
	3000K	12°	9.6W	≥90Ra	850	94	7816	
	3000K	24°	9.6W	≥90Ra	850	94	3350	
	3000K	50°	9.6W	≥90Ra	850	94	1350	
	2700K	12°	9.6W	≥90Ra	850	94	7214	
	2700K	24°	9.6W	≥90Ra	850	94	3350	
	2700K	50°	9.6W	≥90Ra	850	94	1350	
	Dim to warm	24°	9.6W	≥90Ra	600	60	3148	
	Dim to warm	45°	9.6W	≥90Ra	600	60	1147	
	Double fitting (white baffle)	4000K	12°	19.2W	≥90Ra	2 x 900	100	2 x 9018
4000K		24°	19.2W	≥90Ra	2 x 900	100	2 x 3550	
4000K		50°	19.2W	≥90Ra	2 x 900	100	2 x 1450	
3000K		12°	19.2W	≥90Ra	2 x 850	94	2 x 7816	
3000K		24°	19.2W	≥90Ra	2 x 850	94	2 x 3350	
3000K		50°	19.2W	≥90Ra	2 x 850	94	2 x 1350	
2700K		12°	19.2W	≥90Ra	2 x 850	94	2 x 7214	
2700K		24°	19.2W	≥90Ra	2 x 850	94	2 x 3350	
2700K		50°	19.2W	≥90Ra	2 x 850	94	2 x 1350	
Dim to warm		24°	19.2W	≥90Ra	2 x 600	60	2 x 3148	
Dim to warm		45°	19.2W	≥90Ra	2 x 600	60	2 x 1147	

IP65

Available in IP65 for various applications

DIM

Mains, 1-10V & DALI-2 dimmable options

CRI>90

CRI 90 providing true colour appearance

GUARANTEE

7 years

BENEFITS

The 1901 family consists of a pendant, spot light and downlight all with a consistent design language

Use our product selector to choose from 1,800 different combinations

Designed & assembled in Northampton UK

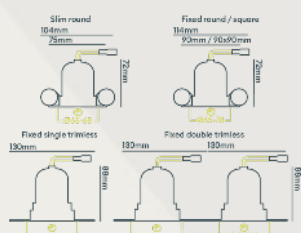
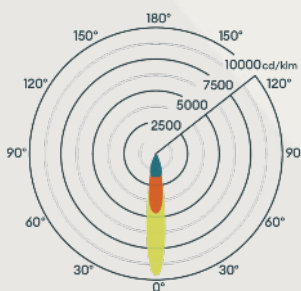
Fixed, Adjustable, Round, Square, Trimless options available

Emergency options available

Fire-rated to 30, 60, 90 minutes for us in Solid timber, I-Joist and Metal Web ceiling joists 30 minutes only

Integrated LED using premium components to achieve 70,000 hours/7 years lifetime

BEAM (°): 12, 24, 50



1901 FIXED DOWNLIGHT

Design your light! Modular Architectural Downlight Range

FEATURES

IP Rating	IP44
Colour Flexibility	Fixed or Dim to Warm
Tilt Angle (°)	Fixed
Rotation Angle (°)	Fixed
UGR	1
Sensor	None
Dimmable	Mains (Leading Edge/ Trailing Edge)
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>90
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Install Connector Type	Loop in / Loop out
Insulation Coverable	No
Cut Out Size	65-86mm
Bathroom Zone	1
Inrush Current	DALI 2: 20A 17µs Mains: 2.6A/0.3ms 1-10V: 10A/ 22µs
Construction Material	Aluminium
Suitable For Coastal Areas	No
Max Ceiling Thickness	40mm
Ambient Temperature	40°C
SELV	Yes
Building Regulations	Part B, C, E, P & L
Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
Electric Class	II
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

View photometric data on Page 53

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	2 x twin & earth or 3-Core
Conductor Cross Section	1.5mm ²

ACCESSORIES

LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained
CASDRV10W	Pre-wired with DC jack for plug-in to Panels & Downlights



1901 ADJUSTABLE DOWNLIGHT

Design your light! Modular Architectural Downlight Range

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP20	Install Connector Type	Loop in / Loop out
Colour Flexibility	Fixed or Dim to Warm	Insulation Coverable	No
Tilt Angle (°)	20	Cut Out Size	68-86mm
Rotation Angle (°)	360	Bathroom Zone	N/A
UGR	1	Inrush Current	DALI 2: 20A 17µs Mains: 2.6A/0.3ms 1-10V: 10A/22µs
Sensor	None	Construction Material	Aluminium
Dimmable	Mains (Leading Edge/ Trailing Edge)	Suitable For Coastal Areas	No
Input	220-240V AC	Max Ceiling Thickness	40mm
LED Life	L70 70,000h	Ambient Temperature	40°C
CRI	CRI>90	SELV	Yes
SDCM	SDCM3	Building Regulations	Part P, L & B
Emergency Option	None	Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min
		Electric Class	II
		Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

View photometric data on Page 53

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	2 x twin & earth or 3-Core
Conductor Cross Section	1.5mm ²

ACCESSORIES

LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained
CASDRV10W	Pre-wired with DC jack for plug-in to Panels & Downlights

IP20

Only available in IP20 for indoor applications

DIM

Mains, 1-10V & DALI-2 dimmable options

CRI>90

CRI 90 providing true colour appearance

GUARANTEE

7 years

BENEFITS

The 1901 family consists of a pendant, spot light and downlight all with a consistent design language

Use our product selector to choose from 1,800 different combinations

Designed & assembled in Northampton UK

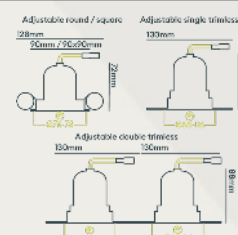
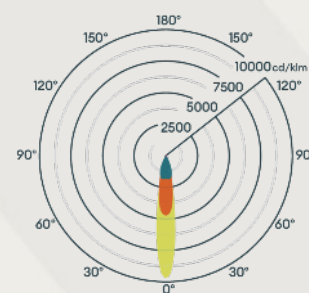
Fixed, Adjustable, Round, Square, Trimless options available

Emergency options available

Fire-rated to 30, 60, 90 minutes for us in Solid timber, I-Joist and Metal Web ceiling joists 30 minutes only

Integrated LED using premium components to achieve 70,000 hours/7 years lifetime

BEAM (°): **12, 24, 50**





Semi-recessed for discreet look



Baffled for low glare and visual comfort



CRI > 90 providing true colour appearance

GUARANTEE

7 years

BENEFITS

Available with a choice of a matt black or matt white finish

A sleek cylindrical style with hidden fixings

Complete with 1.5m adjustable fabric cable

7 year warranty: Collingwood's signature quality you can trust



1901 PENDANT

Sleek, low glare, pendant

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP44	Install Connector Type	Loop in / Loop out
Colour Flexibility	Fixed or Dim to Warm	Cut Out Size	65-68mm
UGR	0	Bathroom Zone	1
Sensor	None	Inrush Current	2.6A/33µs
Dimmable	Mains (Leading Edge/ Trailing Edge)	Construction Material	Aluminium
Input	220-240V AC	Suitable For Coastal Areas	No
LED Life	L70 70,000h	Max Ceiling Thickness	40mm
CRI	CRI > 90	Ambient Temperature	40°C
SDCM	SDCM3	SELV	Yes
Emergency Option	None	Building Regulations	Part P, L, C & E
		Electric Class	II

PHOTOMETRICS @ 25°C

View photometric data on Page 53

Energy rating is a reflection of the LED light source.

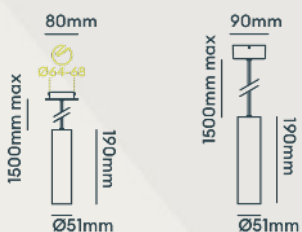
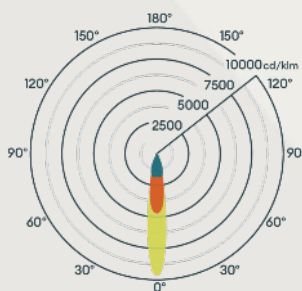
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	2 x twin & earth or 3-Core
Conductor Cross Section	1.5mm ²

ACCESSORIES

LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained	
BDLFH2	Fire and acoustic hood for 1901 recessed fittings	0

BEAM (°): 12, 24, 50





Semi-recessed for discreet look



360° rotation for total flexibility



CRI > 90 providing true colour appearance

1901 SPOT

Sleek, low glare, rotatable spot light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP44	Install Connector Type	Loop in / Loop out
Colour Flexibility	Fixed or Dim to Warm	Insulation Coverable	No
Tilt Angle (°)	90	Cut Out Size	65-68mm
Rotation Angle (°)	355	Bathroom Zone	1
UGR	0	Inrush Current	DALI: 20A 17µs Mains: 2.6A/0.3ms 1-10V: 10A/22µs
Sensor	None	Construction Material	Aluminium
Input	220-240V AC	Suitable For Coastal Areas	No
LED Life	L70 70,000h	Max Ceiling Thickness	40mm
CRI	CRI > 90	Ambient Temperature	40°C
SDCM	SDCM3	SELV	Yes
Emergency Option	None	Building Regulations	Part P, L, C & E
		Electric Class	II

PHOTOMETRICS @ 25°C

View photometric data on Page 53

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	2 x twin & earth or 3-Core
Conductor Cross Section	1.5mm ²

ACCESSORIES

LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained	
BDLFH2	Fire and acoustic hood for 1901 recessed fittings	0

GUARANTEE

7 years

BENEFITS

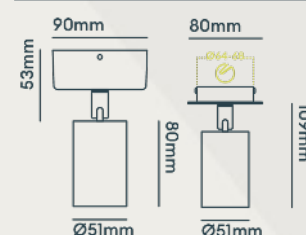
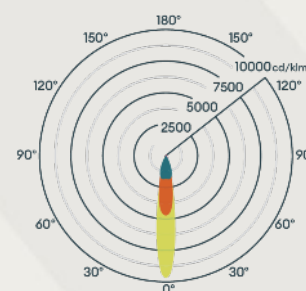
Available with a choice of a matt black or matt white finish

A sleek cylindrical style with hidden fixings

Maximum flexibility with tilt and rotate function to direct light exactly where it is needed

7 year warranty: Collingwood's signature quality you can trust

BEAM (°): 12, 24, 50



DECORATIVE



DECORATIVE

IP20 IP20 perfect for internal applications

CRI>80 CRI 80 providing true colour appearance

DIM TRIAC Dimmable

GUARANTEE

5 years

BENEFITS

Suspended mounting only

120° beam angle for wide illumination

Concentric circles create a striking decorative light effect

Available in both white and black



LUSTRE PENDANT

A circular decorative pendant light

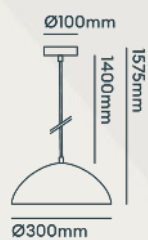
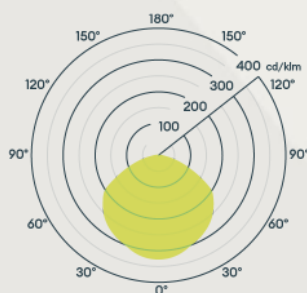
FEATURES		INSTALLATION INFORMATION	
IP Rating	IP20	Install Connector Type	Loop in / Loop out
Colour Flexibility	Single CCT	Inrush Current	2.32A
Tilt Angle (°)	Fixed	Construction Material	Aluminium
Rotation Angle (°)	Fixed	Ambient Temperature	-20-40°C
Sensor	None	SELV	No
Dimmable	Mains (Leading Edge/ Trailing Edge)	Building Regulations	Part P, L
Input	220-240V AC	Mounting Options	Suspended
LED Life	L70 54,000h	Electric Class	I
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
AIN3KPLBKGD	Matt Black - Gold	15W	3000K	120	700	46	A C
AIN3KPLBKWH	Matt Black - Matt White	15W	3000K	120	1120	76	A D
AIN3KPLWHGD	Matt White - Gold	15W	3000K	120	700	46	A C
AIN3KPLWHWH	White	15W	3000K	120	1120	76	A D

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

BEAM (°): 120





IP54 IP54 perfect for internal applications

CRI>80 CRI 80 providing true colour appearance

DIM TRIAC Dimmable

GUARANTEE
5 years

BENEFITS
Ceiling or suspended mounting option's
120° beam angle for wide illumination
IK06 for impact protection
Concentric circles create a striking decorative light effect
Available in both white and black

LUSTRE CEILING LIGHT

A circular decorative ceiling pendant light

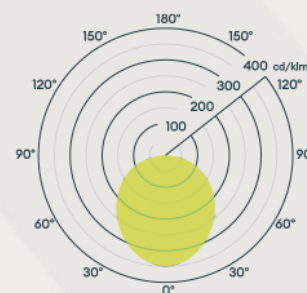
FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Install Connector Type	Loop in / Loop out
IP Rating	IP54	Inrush Current	4,52A
Colour Flexibility	Single CCT	Construction Material	PC
Tilt Angle (°)	Fixed	Ambient Temperature	-20-45°C
Rotation Angle (°)	Fixed	SELV	No
Sensor	None	Building Regulations	Part P, L
Dimmable	Mains (Leading Edge/ Trailing Edge)	Mounting Options	Ceiling
Input	220-240V AC	Electric Class	II
LED Life	L70 54,000h		
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
AIN3KCLBKGD	Matt Black - Gold	18W	3000K	120	1000	56	
AIN3KCLBKWH	Matt Black - Matt White	18W	3000K	120	1000	56	
AIN3KCLWHGD	Matt White - Gold	18W	3000K	120	1000	56	
AIN3KCLWHWH	White	18W	3000K	120	1000	56	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

BEAM (°): 120



DECORATIVE

IP20 IP20 perfect for internal applications

CRI>80 CRI 80 providing true colour appearance

DIM TRIAC Dimmable

GUARANTEE

5 years

BENEFITS

Wall mounting only

120° beam angle for wide illumination

Able to through wire to create your own decorative wall installations. Combine 5 luminaires for a full circle or alternate orientation for a striking luminaire design

Available in both white and black



LUSTRE WALL LIGHT

A triangular decorative wall light

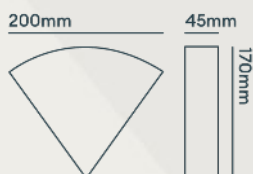
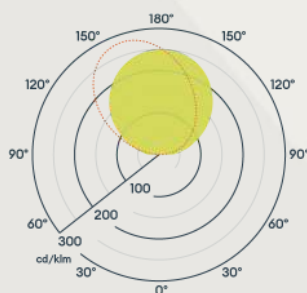
FEATURES		INSTALLATION INFORMATION	
IP Rating	IP20	Install Connector Type	Loop in / Loop out
Colour Flexibility	Single CCT	Inrush Current	3.44A
Tilt Angle (°)	Fixed	Construction Material	Aluminium
Rotation Angle (°)	Fixed	Ambient Temperature	-20-45°C
Sensor	None	SELV	No
Dimmable	Mains (Leading Edge/ Trailing Edge)	Building Regulations	Part P, L
Input	220-240V AC	Mounting Options	Wall
LED Life	L70 60,000h	Electric Class	I
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
AIN3KWL BK	Black	8W	3000K	120	355	49	
AIN3KWL WH	White	8W	3000K	120	480	63	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

BEAM (°): 120





DECORATIVE

IK10 IK10 for robust protection

IP20 Perfect for internal applications

CRI>90 CRI 90 providing true colour appearance

GUARANTEE

5 years

BENEFITS

Intergal emergency option available for 600mm variant on request

Also available in Black on request



PLANK 1

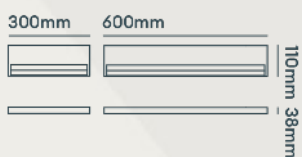
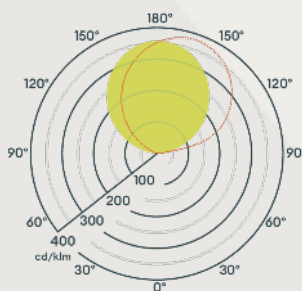
LED luminaire for wall-mounted installations, mono and bi-emission

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Bathroom Zone	N/A
IP Rating	IP20	Inrush Current	10A
Colour Flexibility	Single CCT	Construction Material	Aluminium
Tilt Angle (°)	Fixed	Ambient Temperature	-10-30°C
Rotation Angle (°)	Fixed	Mounting Options	Wall
Sensor	None	Electric Class	I
Dimmable	None		
Input	220-240V AC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
PK30/1A/3K/W	300mm	20W	3000K	110	1764	91	
PK30/1A/4K/W	300mm	20W	4000K	110	1957	97	
PK60/1A/3K/W	600mm	40W	3000K	110	3604	92	
PK60/1A/4K/W	600mm	40W	4000K	110	3912	100	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-1.5mm ²

BEAM (°): 110





IK10 IK10 for robust protection

IP20 Perfect for internal applications

CRI>90 CRI 90 providing true colour appearance

GUARANTEE
5 years

BENEFITS
Integral emergency option available for 600mm variant on request
Also available in Black on request

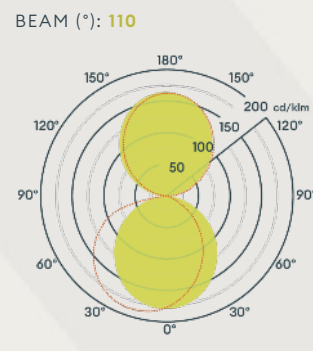
PLANK 2

LED luminaire for wall-mounted installations, mono and bi-emission

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Bathroom Zone	N/A
IP Rating	IP20	Inrush Current	10A
Colour Flexibility	Single CCT	Construction Material	Aluminium
Tilt Angle (°)	Fixed	Ambient Temperature	-10-30°C
Rotation Angle (°)	Fixed	Mounting Options	Wall
Sensor	None	Electric Class	I
Dimmable	None		
Input	220-240V AC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
PK30/2A/3K/W	300mm	2x16W	3000K	110	2x1107	93	
PK30/2A/4K/W	300mm	2x16W	4000K	110	2x1199	98	
PK60/2A/3K/W	600mm	2x32W	3000K	110	2x3035	99	
PK60/2A/4K/W	600mm	2x32W	4000K	110	2x3119	101	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-1.5mm ²



DECORATIVE

2.7W 2.7W

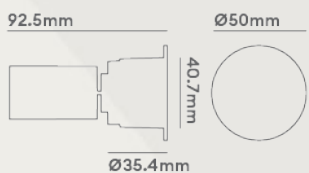
 Quick and easy installation

IP54 IP54 rated for interior use

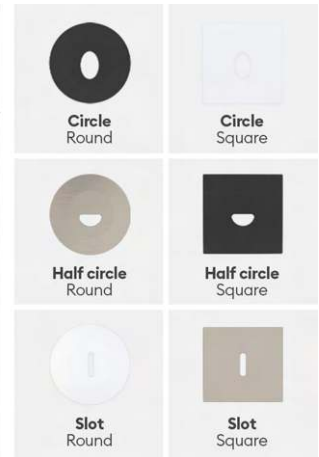
GUARANTEE
5 years

- BENEFITS**
- Interchangeable faceplate with magnetic design
 - High quality powder coating finish from AkzoNobel
 - Colour choice of white, black or satin chrome
 - Shape choice of square or round
 - Compatible with leading and trailing edge phase cut dimmers

BEAM (°): **30, 45**



*Bezels available in black, white and satin chrome




STEPBEAM

Asymmetrical Wall Light

FEATURES	
Impact Strength	IK04
IP Rating	IP54
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Rotation Angle (°)	Fixed
Sensor	None
Dimmable	Mains (Leading Edge/ Trailing Edge)
Input	220-240V AC
LED Life	L70 50,000h
SDCM	SDCM6
Emergency Option	None

INSTALLATION INFORMATION	
Cut Out Size	45mm
Bathroom Zone	N/A
Inrush Current	1.05A 0.05ms
Construction Material	Aluminium
Ambient Temperature	-10-40°C
Mounting Options	Wall
Electric Class	I

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
STEPBEAM30	2.7W	3000K	30/45	See Bezel Accessories	See Bezel Accessories	

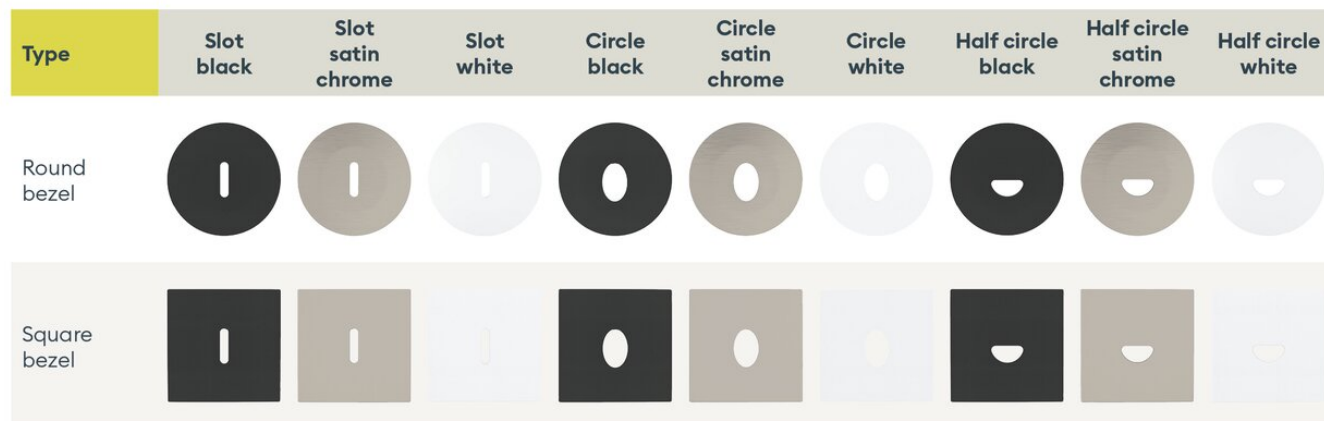
Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	2x 0.75mm Live & Neutral

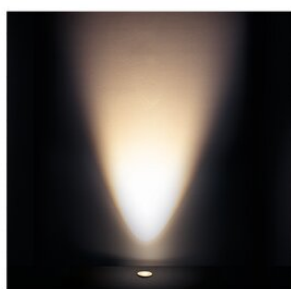
ACCESSORIES	
Stepbeam Bezel	Magnetic system makes changing bezels quick, clean and easy

STEPBEAM BEZEL ACCESSORIES

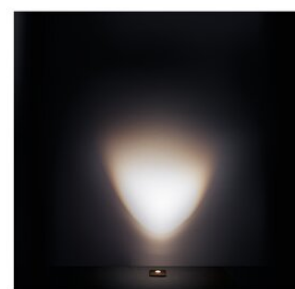
Choose the ideal bezel for your Stepbeam



Slot 30°



Circle 45°



Half circle 45°

PHOTOMETRICS @ 25°C

Product code	Finish	Type	CCT	∠°	lm	lm/W
RBEZCIRCLEB	Black	Round circle	3000K	45°	65	24
RBEZCIRCLES	Satin Chrome	Round circle	3000K	45°	65	24
RBEZCIRCLEW	White	Round circle	3000K	45°	65	24
RBEZHIRCLEB	Black	Round half circle	3000K	45°	28	10
RBEZHIRCLES	Satin Chrome	Round half circle	3000K	45°	28	10
RBEZHIRCLEW	White	Round half circle	3000K	45°	28	10
RBEZSLOTB	Black	Round slot	3000K	30°	28	10
RBEZSLOTW	White	Round slot	3000K	30°	28	10
RBEZSLOTWS	Satin Chrome	Round slot	3000K	30°	28	10
SBEZCIRCLEB	Black	Square circle	3000K	45°	65	24
SBEZCIRCLES	Satin Chrome	Square circle	3000K	45°	65	24
SBEZCIRCLEW	White	Square circle	3000K	45°	65	24
SBEZHIRCLEB	Black	Square half circle	3000K	45°	28	10
SBEZHIRCLES	Satin Chrome	Square half circle	3000K	45°	28	10
SBEZHIRCLEW	White	Square half circle	3000K	45°	28	10
SBEZSLOTB	Black	Square slot	3000K	30°	28	10
SBEZSLOTW	White	Square slot	3000K	30°	28	10
SBEZSLOTWS	Satin Chrome	Square slot	3000K	30°	28	10

DECORATIVE

1,6W 1.6W

 Coastal protected

IP65 IP65 ideal for outdoor environments

GUARANTEE

7 years

BENEFITS

Unique radial appearance creates a decorative lit effect on surrounding surfaces

Straight to mains for easy installation

Complete with bracket and waterproof crimp connectors



WL041 IP

Straight to mains, fan effect LED wall light


FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Rotation Angle (°)	Fixed
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

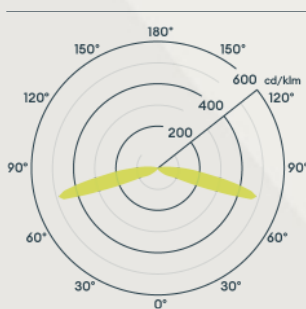
Bathroom Zone	2
Inrush Current	9A 0.8ms
Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Electric Class	I

PHOTOMETRICS @ 25°C

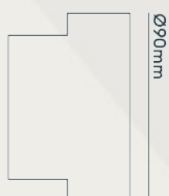
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL041 IP WW	Silver	1.6W	3000K	360	33	21	

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------



60mm





ML01

Decorative LED mini light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP68	Cut Out Size	26mm
Colour Flexibility	Single CCT	Inrush Current	N/A
Tilt Angle (°)	Fixed	Construction Material	Stainless Steel 316
Rotation Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	35°C
Dimmable	None	Mounting Options	Wall
Input	350mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C					
Product Code	W	Colour	lm	Lm/W	Energy
ML01 27	1W	2700K	3.5	3.5	
ML01 NW	1W	4000K	4	4	
ML01 WW	1W	3000K	3.6	3	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	Red & Black PTFE
Conductor Cross Section	0.205mm ²

COMPATIBLE DRIVERS
See Pages 458-459 for complete LED Driver offering



Coastal protected



1W at 350mA



IP68 ideal for outdoor areas and extreme weather

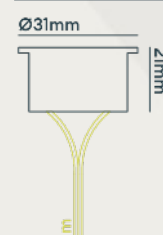
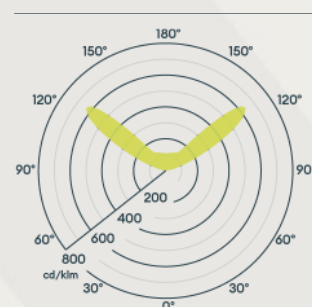
GUARANTEE

7 years

BENEFITS

Small & discreet decorative recessed LED light

Perfect for discreet decorative light in interior and exterior applications



DECORATIVE



Quick and easy installation with plug and play connector



Coastal protected



IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Small & discreet

Ideal for decorative lighting



LED LYTE IP

IP rated mini LED light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Bathroom Zone	1
Colour Flexibility	Single CCT	Inrush Current	N/A
Tilt Angle (°)	Fixed	Construction Material	Anodised Aluminium
Rotation Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	35°C
Dimmable	None	Electric Class	III
Input	350mA DC	Constant Current	Yes
LED Life	L70 70,000h		
CRI	CRi>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C					
Product Code	W	Colour	Beam (°)	lm	Lm/W
LED LYTE IP 27	1W	2700K	110	58	58
LED LYTE IP NW	1W	4000K	110	82	82
LED LYTE IP WW	1W	3000K	110	63	63

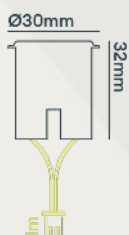
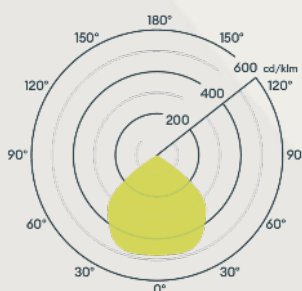
Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	Red & Black PTFE
Conductor Cross Section	0.205mm ²

COMPATIBLE DRIVERS	
See Pages 458-459 for complete LED driver offer	

ACCESSORIES		
LED LYTE 1M EXT	1m extension lead	71
LED LYTE 6 WAY EXT	6-way 1m extension lead	71

BEAM (°): 110



LED LYTE ACCESSORIES

Choose the ideal cable for LED Lyte

Connect your LED Lyte to a PLU/PP/350 1-9 driver.

LED LYTE 1M EXT

LED LYTE 6 WAY EXT

Accessory on its own



PRODUCT CODES

Product Code	Description	Cable / flying lead	Guarantee
LED LYTE 1M EXT	1m extension lead (plug & play)	1m (0.205mm ² red & black PTFE)	1 year extended warranty
LED LYTE 6 WAY EXT	6-way 1m extension lead lead (plug & play)	1m (0.205mm ² red & black PTFE)	1 year extended warranty

COMPATIBLE WITH

	LED Lyte IP	LED Lyte IPT
LED LYTE 1M EXT	●	●
LED LYTE 6 WAY EXT	●	●

3-CIRCUIT TRACK



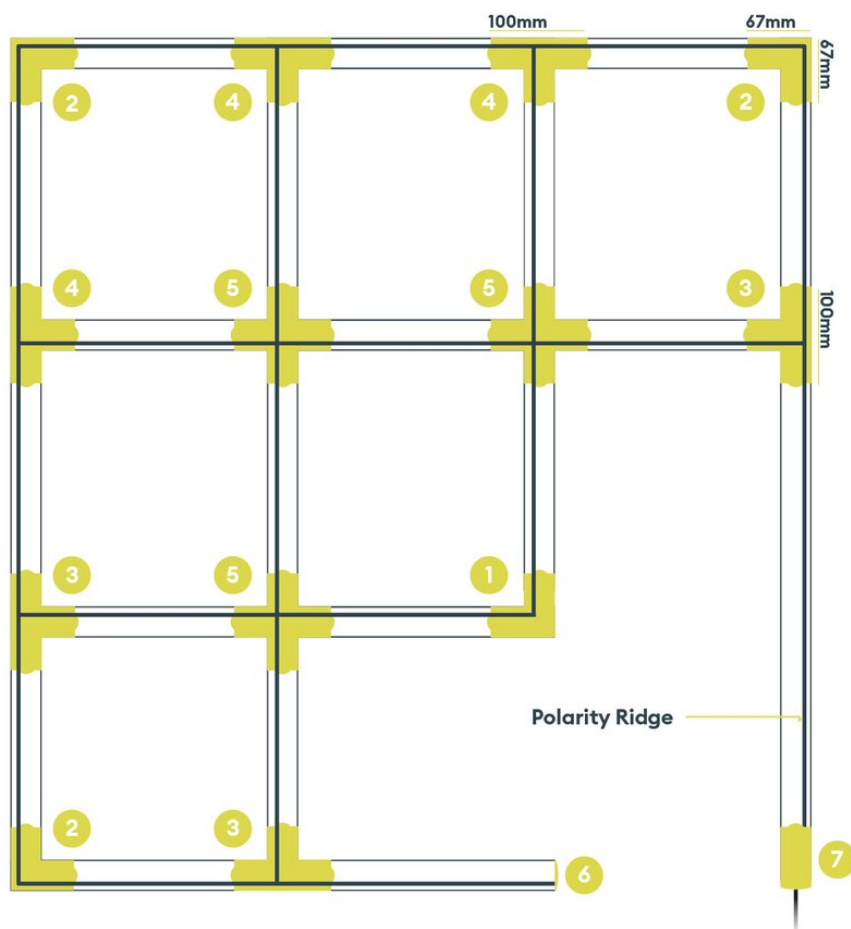
CHOOSING THE IDEAL TRACK & COMPONENTS

Track Lighting

Retail displays are constantly evolving. The flexible nature of track lighting ensures that merchandise will remain beautifully lit wherever displays are positioned. The lighting can be moved along a purpose-built grid with the ability to rotate and tilt, ensuring ultimate flexibility.

GRID - EXAMPLE

With the flexibility track offers, you can build a grid tailored to your location. When building the grid, it's important to consider where the majority of your merchandise will be displayed. All of our track spot lighting rotates 350°, and are tiltable by 90°.



1 L 90° - Inside connector

Use for corners.
See next page



2 L 90° - outside connector

Use for corners.
See next page



3 T - connector left

Use to create a T-junction.
See next page



4 T - connector right

Use to create a T-junction.
See next page



5 X - connector

Use to join a cross section.
See next page



6 End cap

Completes the track.
See next page



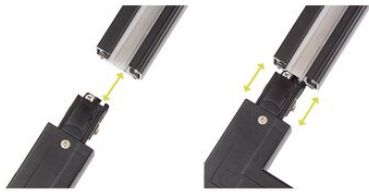
Power connector right

Connects the grid to the mains.
See next page



POLARITY RIDGE

It is important when selecting your connectors for your track, that the 'Polarity Ridge' lines up. An easy way to ensure this is to make sure the alignment ridge lines up from connector to track.



SURFACE TRACK LOAD

The three-circuit connection allows a total current of 16A.

A rail can support a load of 6kg/200mm with a max distance of 1.00m between fixing points, or a load of 3kg/200mm with a max distance of 2.00m between fixing points.

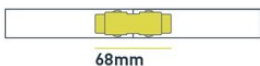


TRACK EXTENSIONS

Track fixtures are available in 1m and 2m lengths. These can be cut shorter or increased using extensions, such as:

Joint connector

Extend sections of track using a joint connector. It sits concealed within the track, without adding extra length, for a neat and tidy finish.



Power connector central

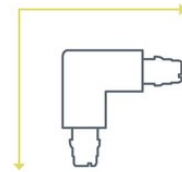
The power connector central feed adds 99mm length to the track. Allows the mains to be fed from the middle of a straight track.



CORNER COMPONENTS

To increase the flexibility of the grid, use 90° corner connectors, available as inside or outside options

Fixed 90° corner



CCT SWITCHABLE OPTIONS

One light, three CCT temperatures

Our track lights are all colour switchable allowing you to stock 3 colour temperatures in 1 product; 3000K, 3500K & 4000K.

Advantages

- Simpler product range.
- Products can be adjusted after they are installed.

3000K



3000K/3500K



4000K



5 YEAR WARRANTY

Offering a five-year warranty, you can be assured of our commitment to quality.



CHOOSING THE IDEAL TRACK & COMPONENTS

Track Lighting

MOUNTING OPTIONS

Ceiling mount kit (Optional)

Black: TR23530
White: TR23531



Suspension mount kit 500cm

Black: TR23630
White: TR23631



CHOOSE YOUR TRACK

1m Surface track

Black: TR22030
White: TR22031



2m Surface track

Black: TR22130
White: TR22131



CHOOSE YOUR POWER CONNECTORS AND END CAPS
At least one power connector feed and an end cap are essential

Power connector left

Black: TR22430
White: TR22431



Power connector right

Black: TR22330
White: TR22331



Power connector central

Black: TR22530
White: TR22531



End cap

Black: TR23730
White: TR23731



L, T & X Connectors have a knock out to feed mains to.

CHOOSE THE APPROPRIATE CONNECTORS FOR YOUR GRID

It is important when selecting your connectors for your track, that you ensure the alignment ridge lines up from connector to track.

COVER PLATES FOR CONCEALING COMPONENTS & LIVE WIRING

90° Connector inside

Black: TR22830
White: TR22831



90° Connector outside

Black: TR22930
White: TR22931



T Connector left

Black: TR23230
White: TR23231



T Connector right

Black: TR23130
White: TR23131



90° Cover plate

Black: TR23830
White: TR23831



X Connector

Black: TR23030
White: TR23031



Joint connector

Black: TR22630
White: TR22631

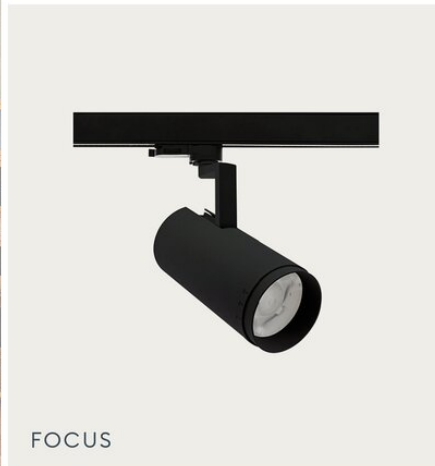


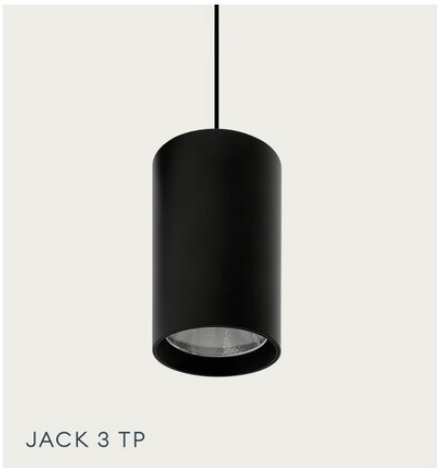
THE COMPLETE TRACK LIGHTING RANGE

3 Circuit Track Lighting

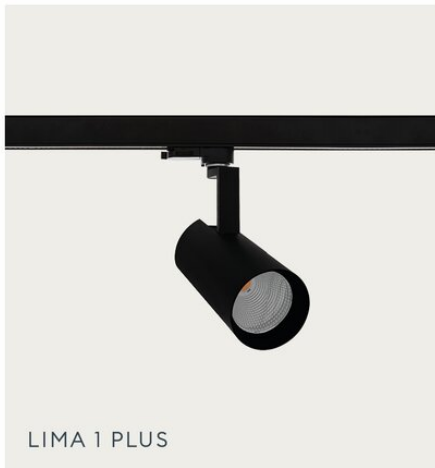
LED OPTIONS

We keep in stock a select number of track products but have a whole host of options available at our sister company. You can choose from all of the options below.





JACK 3 TP



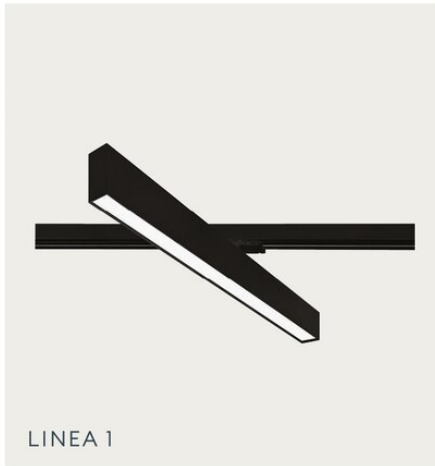
LIMA 1 PLUS



LIMA 2 PLUS



LIMA 3 PLUS



LINEA 1



LINEA 2



EMERGENCY


COLLINGWOOD
LIGHTING

TO LEARN MORE ABOUT OUR TRACK
LIGHTING OFFERING CONTACT US
ON **01604 495 151**

3-CIRCUIT TRACK



Colour switchable between 2700K, 3000K and 4000K



IP20 for use internally



CRI > 90 providing true colour appearance

GUARANTEE

5 years

BENEFITS

A medium beam angle of 38° for a more focused light

Long lifetime of 50,000hrs

For use with 3 Circuit Track



AUREA 3 TP

Pendant light for accent lighting

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP20	Inrush Current	1.6A 37µs
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Dimmable	Mains (Leading Edge/ Trailing Edge)	Suitable For Coastal Areas	No
Input	220-240V AC	Ambient Temperature	-20-45°C
LED Life	L80 50,000h	Building Regulations	Part P & L
CRI	CRI > 90	Mounting Options	Track
SDCM	SDCM3	Electric Class	I

PHOTOMETRICS @ 25°C

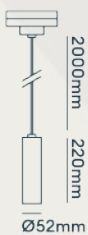
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR43405	White	6W	2700K	38	500	83	
			3000K		520	87	
			4000K		550	92	
TR43430	Black	6W	2700K	38	500	83	
			3000K		520	87	
			4000K		550	92	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

3-Circuit Track	Track for use with 3-Circuit Track	76
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AUREA 3 T

Spotlight for accent lighting

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP20	Inrush Current	1.6A 37µs
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Tilt Angle (°)	90	Suitable For Coastal Areas	No
Rotation Angle (°)	350	Ambient Temperature	-20-45°C
UGR	21	Building Regulations	Part P & L
Input	220-240V AC	Mounting Options	Track
LED Life	L80 50,000h	Electric Class	I
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR43305	Black	6W	2700K	38	500	83	
			3000K		520	87	
			4000K		550	92	
TR43330	White	6W	2700K	38	500	83	
			3000K		520	87	
			4000K		550	92	

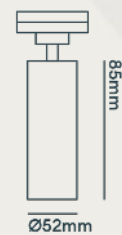
WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
3-Circuit Track	Track for use with 3-Circuit Track	76

- Colour switchable between 2700K 3000K and 4000K
- IP20 for use internally
- CRI>90 providing true colour appearance

GUARANTEE
5 years

BENEFITS
A medium beam angle of 38° for a more focused light
Long lifetime of 50,000hrs
For use with 3 Circuit Track



3-CIRCUIT TRACK



Colour Switchable
between 3000K,
3500K & 4000K



IP20 perfect for
indoor applications



CRI >90 providing
true colour
appearance

GUARANTEE

5 years

BENEFITS

355 degree rotation to direct light



TED

Spotlight for accent lighting

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-45°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	90	Electric Class	I
Rotation Angle (°)	355		
UGR	19		
Sensor	None		
Dimmable	None		
Input	220-240V AC		
LED Life	L80 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

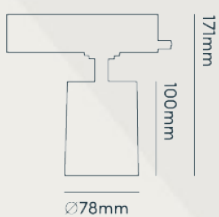
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR43505	Matt Black	28W	3000K	45	2265	76	
			3500K		2365	76	
			4000K		2140	76	
TR43530	Matt White	28W	3000K	45	2265	76	
			3500K		2365	76	
			4000K		2140	76	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

3-Circuit Track	Track for use with 3-Circuit Track	76
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Colour Switchable between 3000K, 3500K & 4000K



IP20 perfect for indoor applications



CRI 90 providing true colour appearance

GUARANTEE

5 years

BENEFITS

355 degree rotation to direct light
Adjustable beam from 30° to 60°

FOCAL

Spotlight for accent lighting

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-45°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	90	Electric Class	I
Rotation Angle (°)	355		
UGR	19		
Sensor	None		
Dimmable	None		
Input	220-240V AC		
LED Life	L80 B10 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

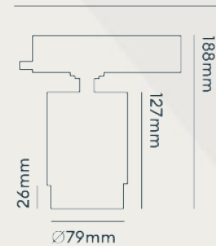
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR43705	Matt Black	32W	3000K	30-60	2625	79	
			3500K		2785	79	
			4000K		2535	79	
TR43730	Matt White	32W	3000K	30-60	2625	79	
			3500K		2785	79	
			4000K		2535	79	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

3-Circuit Track	Track for use with 3-Circuit Track	76
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3-CIRCUIT TRACK



LiFePO4 Battery



Battery Temperature Monitored



Manual and Self-Test combined

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Available in Black or White to match 3C Track designs

Wide beam optics for increased spacings

External Test button and indicator LED located on the end of the luminaire for ease of access and visual inspection clarity

Manual and Self Test combined product. Simply remove the green 2-pin jumper connector to set the product to Manual Test

Housing is rugged and made of polycarbonate

Sleek unobtrusive design

Easy to install through simple 3C track adaptor



3C TRACK EMERGENCY

360lm 3C Track Anti-panic

FEATURES

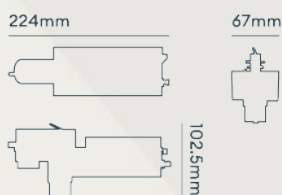
Impact Strength	IK06
IP Rating	IP20
Colour Flexibility	Single CCT
Dimmable	None
Input	220-240V AC
Emergency Option	Manual-Test,Self-Test

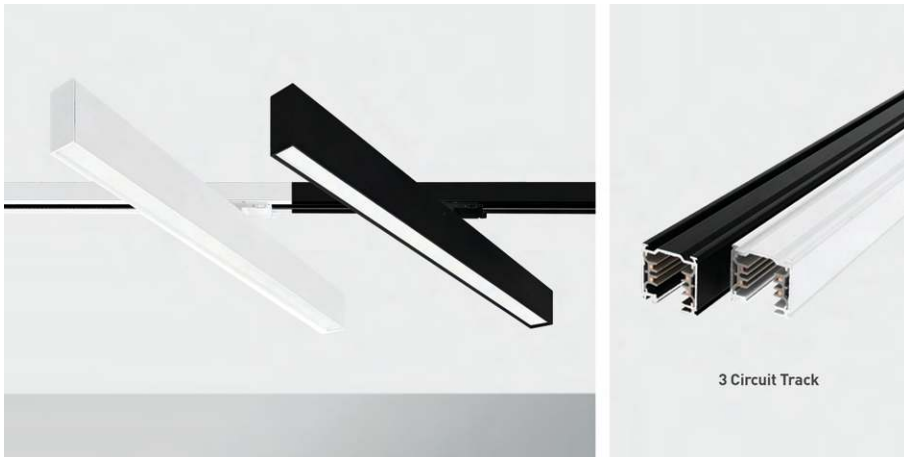
INSTALLATION INFORMATION

Inrush Current	EMR3CWMS:TBC, EMR3CBMS: TBC
Construction Material	PC
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMR3CBMS	Black	Non-Maintained	TBC	3W	5700K	60	360	120	360
EMR3CWMS	White	Non-Maintained	TBC	3W	5700K	60	360	120	360





- IP20** IP20 perfect for indoor installations
- CRI>80** CRI 80 providing true colour appearance
- 360°** 360 degree rotation to direct light

GUARANTEE
3 years

BENEFITS
Non-dimmable converter built in the device
Optional honeycomb grid

LINEA 1

Linear structure for diffuse lighting

FEATURES	
Impact Strength	IK04
IP Rating	IP20
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	360
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 B50 50,000h
CRI	CRI>80

INSTALLATION INFORMATION	
Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	I

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR357NW05	Black	30W	4000K	120	3270	109	
TR357NW30	White	30W	4000K	120	3270	109	
TR357WW05	Black	30W	3000K	120	3190	106	
TR357WW30	White	30W	3000K	120	3190	106	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
3-Circuit Track	Track for use with 3-Circuit Track	76



3-CIRCUIT TRACK



Colour Switchable between 3000K, 3500K & 4000K



CRI >90 providing true colour appearance



Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

IP20 perfect for indoor applications



OLYN 3 T

FEATURES

Impact Strength	IK03
IP Rating	IP20
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	10
Dimmable	None
Input	220-240V AC
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-45°C
Mounting Options	Track
Electric Class	I

PHOTOMETRICS @ 25°C

W	Colour	Beam (°)	lm	Lm/W	Energy
15W	3000K	36	1120	75	
	3500K		1270	85	
	4000K		1260	84	

PRODUCT CODES

TR50405	Matt Black	TR50457	Matt Black - Brushed Nickel
TR50430	Matt White	TR50459	Matt White - Brushed Gold
TR50431	Matt Black - Satin Bronze	TR50465	Matt White - Satin Bronze
TR50451	Matt White - Brushed Pink	TR50467	Matt Black - Brushed Pink
TR50456	Matt White - Brushed Nickel	TR50468	Matt Black - Brushed Gold

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

3-Circuit Track	Track for use with 3-Circuit Track	76
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48V TRACK



CHOOSING THE IDEAL TRACK

48V Track Lighting

LIGHT OPTIONS

Choose the ideal lights for your installation.



Pendants

Utilise pendants over features choosing between a selection of pendants in different colours and shapes.



Spots

Use directional spots to highlight features or direct light where needed choosing between a selection of different colours and shapes.



Linears

Linears are great for an even wash of downlight and are available in a selection of lengths.

TRACK OPTIONS



Shallow Track

Can be surface mounted or suspended.

Product Code	Length
TR47105	1m
TR47205	2m
TR47305	3m



Deep Track

Can be surface mounted or suspended.

Product Code	Length
TR47705	1m
TR47805	2m
TR47905	3m



Recessed Track

Plaster-in for clean look and feel.

Product Code	Length
TR47405	1m
TR47505	2m
TR47605	3m

DRIVER OPTIONS

External 48V Non-Dimmable Drivers

Connected outside of the track.

Code	W	IP	Dimming
5742	150W	IP20	No
5744	250W	IP20	No
5997	320W	IP67	No

In-Track 48V Non-Dimmable Drivers

Fits inside the track.

Code	W	IP	Dimming
CD182	100W	IP20	No
CD183	250W	IP20	No
CD190	100W	IP20	No

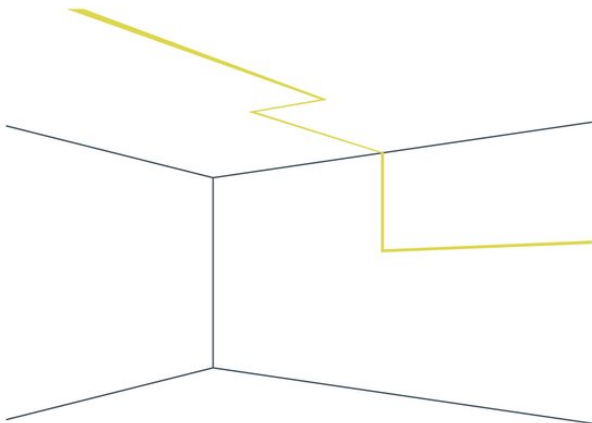
External 48V DALI Dimmable Drivers

Connected outside of the track.

Code	W	IP	Dimming
CD184	200W	IP20	DALI
CD188	100W	IP20	DALI

CEILING & WALL TRACK

Our track can run along ceilings, but can run down walls as well. We have corner pieces that allows for it all to be part of the same run of track too.



CCT SWITCHABLE

One light, three CCT temperatures

Our range of colour switchable track light allows you to stock 3 colour temperatures in 1 product; 2700K, 3000K & 4000K).

Advantages

- Simpler product range.
- Products can be adjusted after they are installed.

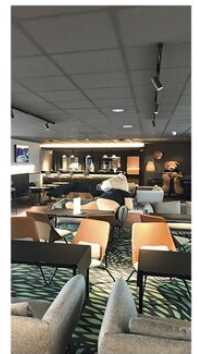
2700K



3000K



4000K



TRACK COMPONENTS

To build your grid of track there are a number of track components to choose from.

Power Feeds

Supplies power to the track.



End Caps

Every track run needs an end cap.



Mounting Kits

Surface and suspension kits available.



Track Covers

Make your track look neat and tidy with track covers.



Electrical Connectors

These are required to connect one piece of track to the next.



Track Corners

Corners are needed for building a grid of track.



Vertical Corners

To run your track from a ceiling down onto a wall.















Track

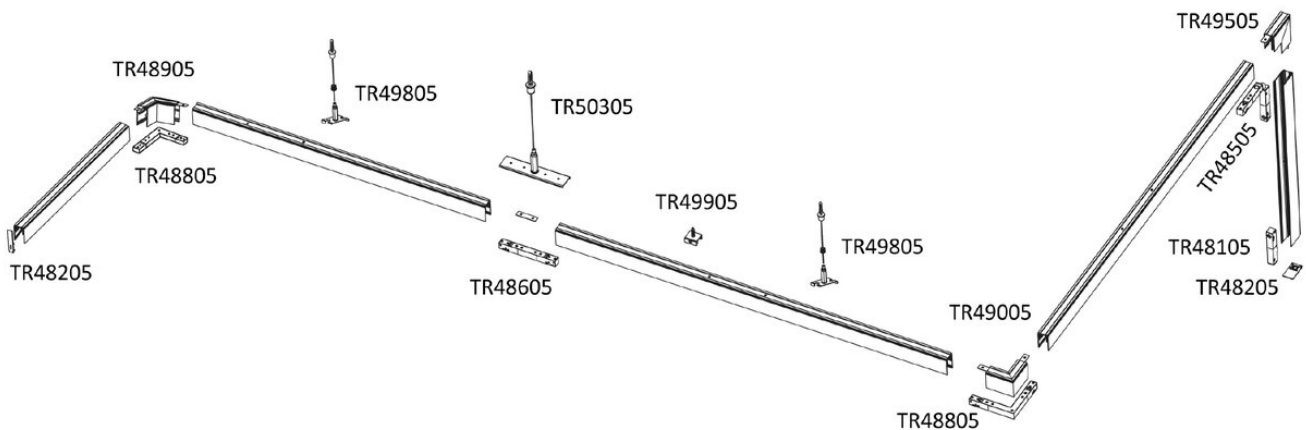
The track is what the lighting products connect to.



CHOOSING THE IDEAL TRACK & COMPONENTS

48V Track Lighting

TRACK OPTIONS	POWER FEED & DRIVERS Required for providing power to your track. Use an In-Track driver or a power feed with an external driver.	CONNECTING TRACK IN STRAIGHT LINES Straight Track to Track Electrical Connector (Left)	TRACK CORNERS An electrical connector is required with every corner piece, Flexible Electrical Connectors will not fit into L-Bend Track
<p>Shallow Track</p> <p>TR47105 1m Track</p> <p>TR47205 2m Track</p> <p>TR47305 3m Track</p> 	<p>TR48005 Power Feed (Left)</p> <p>TR48105 Power Feed (Right)</p> <p>CD190 100W In-Track Driver</p> 	<p>TR48605 Straight Track to Track Electrical Connector (Left)</p> 	<p>TR48905 L-Bend Track (Left)</p> <p>TR49005 L-Bend Track (Right)</p> <p>TR48805 L-Bend Electrical Connector</p> 
<p>Deep Track</p> <p>TR47705 1m Track</p> <p>TR47805 2m Track</p> <p>TR47905 3m Track</p> 	<p>TR48005 Power Feed (Left)</p> <p>TR48105 Power Feed (Right)</p> <p>CD182 100W In-Track Driver</p> <p>CD183 250W In-Track Driver</p> 	<p>TR48605 Straight Track to Track Electrical Connector (Left)</p> 	<p>TR49305 L-Bend Track (Left)</p> <p>TR49405 L-Bend Track (Right)</p> <p>TR48805 L-Bend Electrical Connector</p> 
<p>Recessed Track</p> <p>TR47405 1m Track</p> <p>TR47505 2m Track</p> <p>TR47605 3m Track</p> 	<p>TR48005 Power Feed (Left)</p> <p>TR48105 Power Feed (Right)</p> <p>CD182 100W In-Track Driver</p> <p>CD183 250W In-Track Driver</p> 	<p>TR48705 Straight Track to Track Electrical Connector (Left)</p> 	<p>TR49105 L-Bend Track (Left)</p> <p>TR49205 L-Bend Track (Right)</p> <p>TR48805 L-Bend Electrical Connector</p> 



VERTICAL CORNERS

SUSPENSION KITS

END CAP

COVER PLATES

TR49505

Vertical L-Bend Track



TR48505

Flexible Bend Electrical Connector



TR49805

3m Suspension Kit



TR50305

3m Suspension Kit



TR49905

Surface Mounting Kit



TR48205

End Cap



TR49705

Vertical L-Bend Track



TR48505

Flexible Bend Electrical Connector



TR49805

3m Suspension Kit



TR50305

3m Reinforcement & Suspension Kit



TR49905

Surface Mounting Kit



TR48405

End Cap



TR50005

1m Cover



TR50105

2m Cover



TR50205

3m Cover



TR49605

Vertical L-Bend Track



TR48505

Flexible Bend Electrical Connector



TR48305

End Cap



TR50005

1m Cover



TR50105

2m Cover



TR50205

3m Cover










COLLINGWOOD
 LIGHTING

TO LEARN MORE ABOUT OUR TRACK LIGHTING OFFERING CONTACT US ON **01604 495 151**

CHOOSING THE IDEAL TRACK & COMPONENTS

48V Track Lighting

		SURFACE / SUSPENDED DEEP			SURFACE / SUSPENDED SHALLOW			PLASTER-IN RECESSED		
		TR47705 (1m)	TR47805 (2m)	TR47905 (3m)	TR47105 (1m)	TR47205 (2m)	TR47305 (3m)	TR47405 (1m)	TR47505 (2m)	TR47605 (3m)
POWER FEED	TR48005 Power Feed and End Cap (Left)	●	●	●	●	●	●	●	●	●
	TR48105 Power Feed and End Cap (Right)	●	●	●	●	●	●	●	●	●
END CAPS	TR48205 End Cap	✗	✗	✗	●	●	●	✗	✗	✗
	TR48305 End Cap	✗	✗	✗	✗	✗	✗	●	●	●
	TR48405 End Cap	●	●	●	✗	✗	✗	✗	✗	✗
SUSPENSION KIT	TR49805 3m Suspension Kit	●	●	●	●	●	●	✗	✗	✗
	TR50305 3m Reinforcement & Suspension Kit	●	●	●	●	●	●	✗	✗	✗
SURFACE MOUNT KIT	TR49905 Black Aluminium Clip for Surface Mounting	●	●	●	●	●	●	✗	✗	✗
TRACK COVER	TR50005 1m Black Sheath to Cover Space Between Products	●	●	●	✗	✗	✗	●	●	●
	TR50105 2m Black Sheath to Cover Space Between Products	●	●	●	✗	✗	✗	●	●	●
	TR50205 3m Black Sheath to Cover Space Between Products	●	●	●	✗	✗	✗	●	●	●

		SURFACE / SUSPENDED DEEP			SURFACE / SUSPENDED SHALLOW			PLASTER-IN RECESSED		
		TR47705 (1m)	TR47805 (2m)	TR47905 (3m)	TR47105 (1m)	TR47205 (2m)	TR47305 (3m)	TR47405 (1m)	TR47505 (2m)	TR47605 (3m)
ELECTRICAL CONNECTOR	 TR48605 Straight Track to Track Electrical Connector	●	●	●	●	●	●	×	×	×
	 TR48705 Straight Track to Track Electrical Connector	×	×	×	×	×	×	●	●	●
	 TR48805 L-Bend Track to Track Electrical Connector	●	●	●	●	●	●	●	●	●
	 TR48505 Flexible Bend Track to Track Electrical Connector	●	●	●	●	●	●	●	●	●
L-BEND TRACK	 TR49105 L-Bend for Recessed Track (Left)	×	×	×	×	×	×	●	●	●
	 TR49205 L-Bend for Recessed Track (Right)	×	×	×	×	×	×	●	●	●
	 TR49305 L-Bend for Deep Surface Mounted Track (Left)	●	●	●	×	×	×	×	×	×
	 TR49405 L-Bend for Deep Surface Mounted Track (Right)	●	●	●	×	×	×	×	×	×
	 TR48905 L-Bend for Shallow Surface Mounted Track (Left)	×	×	×	●	●	●	×	×	×
	 TR49005 L-Bend for Shallow Surface Mounted Track (Right)	×	×	×	●	●	●	×	×	×
L-BEND VERTICAL TRACK	 TR49505 L-Bend for Vertical Shallow Surface Mounted Track	×	×	×	●	●	●	×	×	×
	 TR49705 L-Bend for Vertical Deep Surface Mounted Track	●	●	●	×	×	×	×	×	×
	 TR49605 L-Bend for Vertical Recessed Track	×	×	×	×	×	×	●	●	●

THE COMPLETE TRACK LIGHTING RANGE

48V Track Lighting

LED OPTIONS

We keep in stock a select number of track products but have a whole host of options available at our sister company. You can choose from all of the options below.





YOKA 1



YOKA 2



YOKA 3



YOKA 4



TOMO



TOMA



RAITO 1



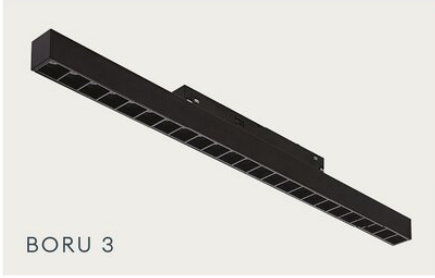
RAITO 2



BORU 1



BORU 2



BORU 3



BORU 4




MEKA


COLLINGWOOD
 LIGHTING

TO LEARN MORE
 ABOUT OUR TRACK
 LIGHTING OFFERING
 CONTACT US ON
01604 495 151

5W Ideal for accent lighting with 5W

 Colour switchable between 2700K, 3000K & 4000K

IP20 IP20 perfect for interior applications

GUARANTEE

5 years

BENEFITS

230° beam angle for wide illumination

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt


CRI 90 providing true colour appearance



TORO TP

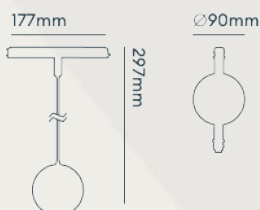
Decorative Opal Glass Pendant LED Globe for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	Fixed	Electric Class	III
Rotation Angle (°)	Fixed	Constant Voltage	Yes
UGR	26		
Sensor	None		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR47005	Matt Black	5W	2700K	230	340	68	
			3000K		390	78	
			4000K		385	77	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





SANDO TP

FEATURES	
Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	Fixed
Rotation Angle (°)	Fixed
UGR	22
Sensor	None
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION	
Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45705	Matt Black	7W	2700K	36	545	78	
			3000K		640	91	
			4000K		615	88	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	

7W Ideal for accent lighting with 7W

Colour switchable between 2700K, 3000K & 4000K

IP20 IP20 perfect for interior applications

GUARANTEE

5 years

BENEFITS

36° beam angle for precise illumination

SDCM3 ensuring uniform light appearance and consistency

CRI 90 providing true colour appearance



7W Ideal for accent lighting with 7W

Colour switchable between 2700K, 3000K & 4000K

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

38° beam angle for precise illumination

IP20 perfect for interior applications

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance



TONKA

Adjustable Spherical LED Spotlight

FEATURES	
Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	22
Sensor	None
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION	
Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46805	Matt Black	7W	2700K	38	580	83	
			3000K		665	95	
			4000K		630	90	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





7W

Ideal for accent lighting with 7W

IP20

IP20 perfect for interior applications



Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours

DISU 1

Adjustable LED Spot Light

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	15
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

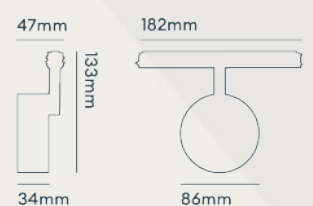
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45205	Matt Black	7W	2700K	40	565	81	
			3000K		670	96	
			4000K		665	95	
TR45206	Matt Black - Rose Gold	7W	2700K	40	565	81	
			3000K		670	96	
			4000K		665	95	
TR45208	Matt Black - Champagne	7W	2700K	40	565	81	
			3000K		670	96	
			4000K		665	95	
TR45235	Matt Black - Matt White	7W	2700K	40	565	81	
			3000K		670	96	
			4000K		665	95	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	



48V TRACK

15W

Ideal for primary lighting with 15W

IP20

IP20 perfect for interior applications

350°

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours



DISU 2

Adjustable LED Spot Light

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	15
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

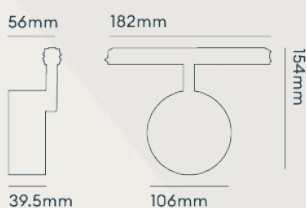
Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45305	Matt Black	15W	2700K	36	1355	90	
			3000K		1540	103	
			4000K		1595	106	
TR45306	Matt Black - Rose Gold	15W	2700K	36	1355	90	
			3000K		1540	103	
			4000K		1595	106	
TR45308	Matt Black - Champagne	15W	2700K	36	1355	90	
			3000K		1540	103	
			4000K		1595	106	
TR45335	Matt Black - Matt White	15W	2700K	36	1355	90	
			3000K		1540	103	
			4000K		1595	106	

ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





15W

Ideal for primary lighting with 15W



Colour switchable between 2700K, 3000K & 4000K



Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

25-75° adjustable beam angle to suit any project

IP20 perfect for interior applications

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

ZUMU

Adjustable LED Spot Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	90	Electric Class	III
Rotation Angle (°)	350	Constant Voltage	Yes
UGR	26		
Sensor	None		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C

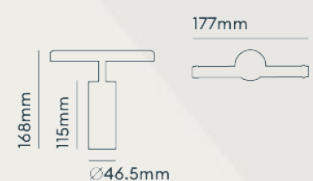
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46705	Matt Black	15W	2700K	25-75	1275	85	
			3000K		1475	98	
			4000K		1405	94	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	



48V TRACK

4W

Ideal for accent lighting with 4W

IP20

IP20 perfect for interior applications

350°

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours



YOKO 1

Smooth Decorative module for 48V Track

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	26
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

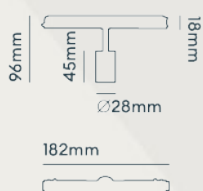
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45905	Matt Black	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	
TR45906	Matt Black - Rose Gold	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	
TR45908	Matt Black - Champagne	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	
TR45935	Matt Black - Matt White	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





- 4W** Ideal for accent lighting with 4W
- IP20** IP20 perfect for interior applications
- 350°** Rotation angle of 350° to help suit any project

GUARANTEE
5 years

- BENEFITS**
- SDCM3 ensuring uniform light appearance and consistency
 - Adjustable with a 90° tilt
 - CRI 90 providing true colour appearance
 - Available in an array of colours

YOKA 1

Rigid Decorative module for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	90	Electric Class	III
Rotation Angle (°)	350	Constant Voltage	Yes
UGR	26		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

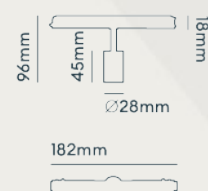
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46305	Matt Black	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	
TR46306	Matt Black - Rose Gold	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	
TR46308	Matt Black - Champagne	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	
TR46335	Matt Black - Matt White	4W	2700K	30	180	45	
			3000K		210	53	
			4000K		215	54	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92



48V TRACK

7W

Ideal for accent lighting with 7W

IP20

IP20 perfect for interior applications

350°

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours



YOKO 2

Smooth Decorative module for 48V Track

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	22
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

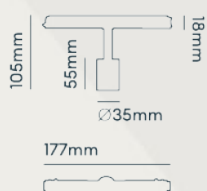
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46005	Matt Black	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	
TR46006	Matt Black - Rose Gold	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	
TR46008	Matt Black - Champagne	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	
TR46035	Matt Black - Matt White	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





7W

Ideal for accent lighting with 7W

IP20

IP20 perfect for interior applications



Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours

YOKA 2

Rigid Decorative module for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	90	Electric Class	III
Rotation Angle (°)	350	Constant Voltage	Yes
UGR	22		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

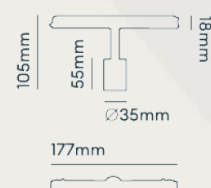
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46405	Matt Black	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	
TR46406	Matt Black - Rose Gold	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	
TR46408	Matt Black - Champagne	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	
TR46435	Matt Black - Matt White	7W	2700K	40	525	75	
			3000K		625	89	
			4000K		620	89	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	92
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	92
48V Trimless Track	48V Track for trimless installation	92
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	



48V TRACK

15W

Ideal for primary lighting with 15W

IP20

IP20 perfect for interior applications

350°

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours



YOKO 3

Rigid Decorative module for 48V Track

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	22
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

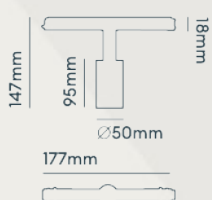
Product Code	Finish	W	Colour	Beam (°)	Im	Lm/W	Energy
TR46105	Matt Black	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	
TR46106	Matt Black - Rose Gold	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	
TR46108	Matt Black - Champagne	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	
TR46135	Matt Black - Matt White	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





15W

Ideal for primary lighting with 15W

IP20

IP20 perfect for interior applications

350°

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours

YOKA 3

Smooth Decorative module for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	90	Electric Class	III
Rotation Angle (°)	350	Constant Voltage	Yes
UGR	22		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

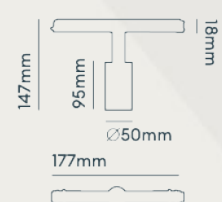
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46505	Matt Black	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	
TR46506	Matt Black - Rose Gold	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	
TR46508	Matt Black - Champagne	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	
TR46535	Matt Black - Matt White	15W	2700K	40	1115	74	
			3000K		1310	87	
			4000K		1315	88	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	



48V TRACK

27W

Ideal for primary lighting with 27W

IP20

IP20 perfect for interior applications

350°

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours



YOKO 4

Rigid Decorative module for 48V Track

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	350
UGR	22
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

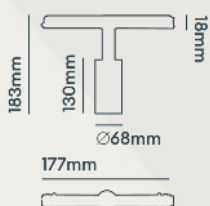
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46205	Matt Black	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	
TR46206	Matt Black - Rose Gold	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	
TR46208	Matt Black - Champagne	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	
TR46235	Matt Black - Matt White	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





27W

Ideal for primary lighting with 27W

IP20

IP20 perfect for interior applications

350°

Rotation angle of 350° to help suit any project

GUARANTEE

5 years

BENEFITS

SDCM3 ensuring uniform light appearance and consistency

Adjustable with a 90° tilt

CRI 90 providing true colour appearance

Available in an array of colours

YOKA 4

Smooth Decorative module for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	90	Electric Class	III
Rotation Angle (°)	350	Constant Voltage	Yes
UGR	22		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

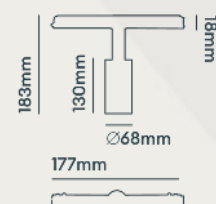
PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR46605	Matt Black	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	
TR46606	Matt Black - Rose Gold	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	
TR46608	Matt Black - Champagne	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	
TR46635	Matt Black - Matt White	27W	2700K	40	2390	89	
			3000K		2735	101	
			4000K		2675	99	

WIRING INFORMATION
Type Of Wiring Required Parallel

ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	



48V TRACK

20W 20W

IP20 IP20 perfect for interior applications

SDCM3 SDCM3 ensuring uniform light appearance and consistency

GUARANTEE

5 years

BENEFITS

CRI 90 providing true colour appearance

Available in an array of colours



TOMO

Cylindrical LED Pendant for 48V Track

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
UGR	26
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

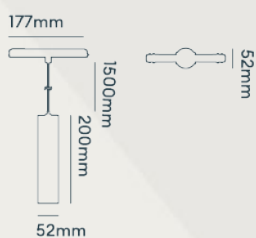
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45405	Matt Black	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	
TR45406	Matt Black - Rose Gold	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	
TR45408	Matt Black - Champagne	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	
TR45435	Matt Black - Matt White	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





TOMA

Cylindrical LED Pendant for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
UGR	26	Electric Class	III
Dimmable	Optional	Constant Voltage	Yes
Input	48V DC		
LED Life	L80 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45505	Matt Black	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	
TR45506	Matt Black - Rose Gold	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	
TR45508	Matt Black - Champagne	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	
TR45535	Matt Black - Matt White	20W	2700K	40	1310	66	
			3000K		1520	76	
			4000K		1450	73	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	

20W 20W

IP20 IP20 perfect for interior applications

SDCM3 SDCM3 ensuring uniform light appearance and consistency

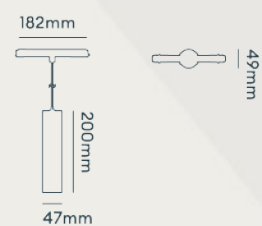
GUARANTEE

5 years

BENEFITS


CRI 90 providing true colour appearance

Available in an array of colours



48V TRACK

11W 11W

 Colour switchable between 2700K, 3000K & 4000K

IP20 IP20 perfect for interior applications

GUARANTEE

5 years

BENEFITS

105° beam angle for wide illumination

SDCM3 ensuring uniform light appearance and consistency

CRI 90 providing true colour appearance



RAITO 1

Linear LED Profile for 48V Track


FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	Fixed
Rotation Angle (°)	Fixed
UGR	21
Sensor	None
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR44505	Matt Black	11W	2700K	105	955	87	
			3000K		1015	92	
			4000K		1005	91	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





RAITO 2

Linear LED Profile for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	Fixed	Electric Class	III
Rotation Angle (°)	Fixed	Constant Voltage	Yes
UGR	21		
Sensor	None		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR44605	Matt Black	18W	2700K	105	1645	91	
			3000K		1765	98	
			4000K		1785	99	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation
48V Trimless Track	48V Track for trimless installation
CD184	DALI Drivers for use with 48V track
CD185	DALI Drivers for use with 48V track

18W 18W



Colour switchable between 2700K, 3000K & 4000K

IP20

IP20 perfect for interior applications

GUARANTEE

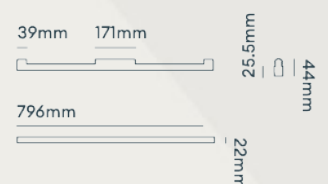
5 years

BENEFITS

105° beam angle for wide illumination

SDCM3 ensuring uniform light appearance and consistency

CRI 90 providing true colour appearance



12W 12W

Colour switchable between 2700K, 3000K & 4000K

IP20 IP20 perfect for interior applications

GUARANTEE
5 years

BENEFITS
40° beam angle for precise illumination
SDCM3 ensuring uniform light appearance and consistency
CRI 90 providing true colour appearance



BORU 1

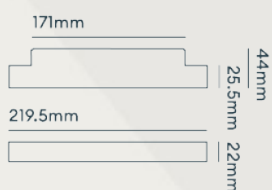
Linear LED Profile for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	Fixed	Electric Class	III
Rotation Angle (°)	Fixed	Constant Voltage	Yes
UGR	11		
Sensor	None		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR44705	Matt Black	12W	2700K	40	850	71	
			3000K		940	78	
			4000K		930	78	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





BORU 2

Linear LED Profile for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	Fixed	Electric Class	III
Rotation Angle (°)	Fixed	Constant Voltage	Yes
UGR	10		
Sensor	None		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR44805	Matt Black	21W	2700K	40	1360	65	
			3000K		1585	76	
			4000K		1505	72	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	

21W 21W



Colour switchable between 2700K, 3000K & 4000K

IP20

IP20 perfect for interior applications

GUARANTEE

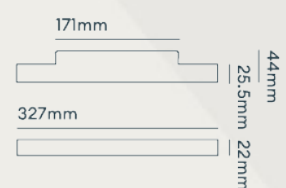
5 years

BENEFITS

40° beam angle for precise illumination

SDCM3 ensuring uniform light appearance and consistency

CRI 90 providing true colour appearance



26W 26W

Colour switchable between 2700K, 3000K & 4000K

IP20 IP20 perfect for interior applications

GUARANTEE
5 years

BENEFITS
40° beam angle for precise illumination
SDCM3 ensuring uniform light appearance and consistency
CRI 90 providing true colour appearance



BORU 3

Linear LED Profile for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	Fixed	Electric Class	III
Rotation Angle (°)	Fixed	Constant Voltage	Yes
UGR	12		
Sensor	None		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR44905	Matt Black	25W	2700K	40	1745	70	
			3000K		2055	82	
			4000K		2020	81	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





BORU 4

Linear LED Profile for 48V Track

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Construction Material	Aluminium
IP Rating	IP20	Ambient Temperature	-20-40°C
Colour Flexibility	Switchable CCT	Mounting Options	Track
Tilt Angle (°)	Fixed	Electric Class	III
Rotation Angle (°)	Fixed	Constant Voltage	Yes
UGR	10		
Sensor	None		
Dimmable	Optional		
Input	48V DC		
LED Life	L80 50,000h		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45005	Matt Black	40W	2700K	40	2575	64	
			3000K		3140	79	
			4000K		3100	78	

WIRING INFORMATION

Type Of Wiring Required: Parallel

ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93

40W

40W



Colour switchable between 2700K, 3000K & 4000K

IP20

IP20 perfect for interior applications

GUARANTEE

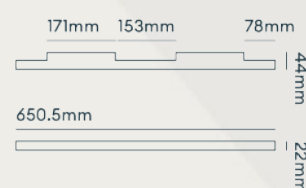
5 years

BENEFITS

40° beam angle for precise illumination

SDCM3 ensuring uniform light appearance and consistency

CRI 90 providing true colour appearance



12W 12W

Colour switchable between 2700K, 3000K & 4000K

IP20 IP20 perfect for interior applications

GUARANTEE

5 years

BENEFITS

40° beam angle for precise illumination

SDCM3 ensuring uniform light appearance and consistency

CRI 90 providing true colour appearance



MEKA

FEATURES	
Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
Tilt Angle (°)	90
Rotation Angle (°)	Fixed
UGR	10
Sensor	None
Dimmable	Optional
Input	48V DC
LED Life	L80 50,000h
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION	
Construction Material	Aluminium
Ambient Temperature	-20-40°C
Mounting Options	Track
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

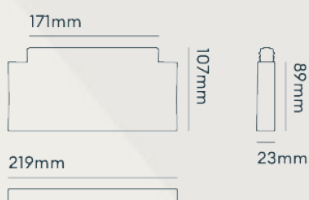
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
TR45I05	Matt Black	12W	2700K	40	850	71	
			3000K		1000	83	
			4000K		1000	83	

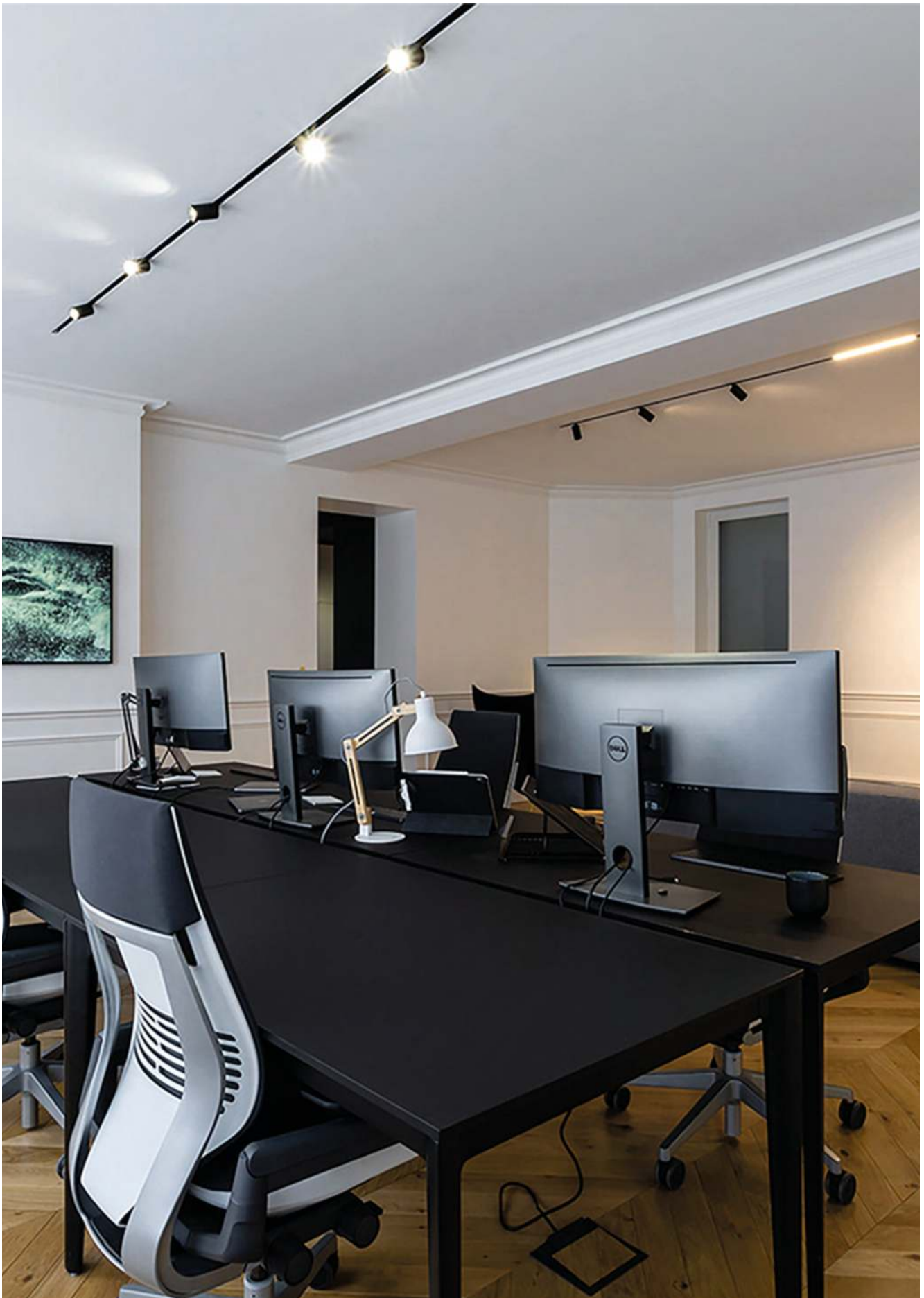
WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

48V Track	48V Track for surface-mounted or suspended installation	93
48V High Profile Track	48V High Profile Track for surface-mounted or suspended installation	93
48V Trimless Track	48V Track for trimless installation	93
CD184	DALI Drivers for use with 48V track	
CD185	DALI Drivers for use with 48V track	





STRIP LIGHTS



WHERE TO USE WHICH LED STRIP

Getting The Right Strip For Your Project

RESIDENTIAL INDOOR

LIVING SPACES

Standard	50041	160
Ambient	70002	164
White COB	MC20	192
RGB	80321	451
RGBW	MC20 RGBTW	449
Tunable White	80371	453

KITCHENS

Standard	50041	160
Ambient	70002	164
White COB	MC20	192
RGB	80321	451
RGBW	MC20 RGBTW	449
Tunable White	80371	453

BATHROOMS

Standard	50041	160
Ambient	70002	164
White COB	MC20	192
RGB	80321	451
RGBW	MC20 RGBTW	449
Tunable White	80371	453

SHELVING

Standard	50041	160
Ambient	70002	164
White COB	MC20	192
RGB	80321	451
RGBW	MC20 RGBTW	449
Tunable White	80371	453

STAIRCASES

Standard	50041	160
Ambient	70002	164
White COB	MC20	192
RGB	80321	451
RGBW	MC20 RGBTW	449
Tunable White	80371	453

LEISURE SPACES

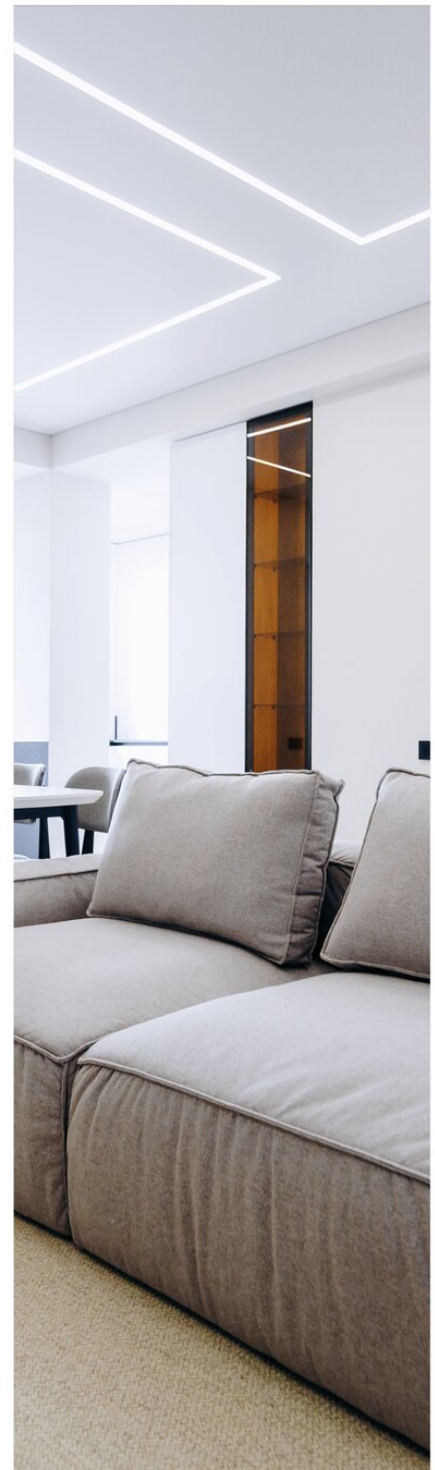
High CRI	80310	185
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HIGH-END INDOOR RESIDENTIAL

Ambient	70042	166
High Efficacy	70092	168

PRIMARY LIGHTING

Standard	50041	160
Ambient	70002	164
White COB	MC20	192
RGB	80321	451
RGBW	MC20 RGBTW	449
Tunable White	80371	453



RESIDENTIAL OUTDOOR

BUILDING FAÇADES

Ultra Long 230V	70220	170
Neon 24V	FL01	172
Side Bend	FL02	173
	FL05	176
Neon 24V	FL03,	174
Top bend	FL04	175
Neon 48V	FL3D48	178
3D Bend		
Neon 230V	FL230	179
Top Bend		

GARDENS

High CRI	80310	185
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LARGE GARDENS

Ultra Long 230V	70220	170
Ultra Long 230V	70230	171
High Output		

LANDSCAPING

Standard	50051	161
Ambient	70012	165
White COB	MC67	193
RGB	80331	452
RGBW	MC67	450
	RGBTW	

DECKING

Standard	50051	161
Ambient	70012	165
White COB	MC67	193
RGB	80331	452
RGBW	MC67	450
	RGBTW	

PATIOS

Standard	50051	161
Ambient	70012	165
White COB	MC67	193
RGB	80331	452
RGBW	MC67	450
	RGBTW	

LEISURE SPACES

High CRI	80310	185
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HIGH-END OUTDOOR RESIDENTIAL

High Efficacy	70102	169
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WHERE TO USE WHICH LED STRIP

Getting The Right Strip For Your Project

COMMERCIAL INDOOR

COMMERCIAL SPACES

Ambient CRI80	70002	164
Ambient CRI90	70052	167
COB	MC20	192
RGB	80321	451
RGBW	MC20 RGBTW	449

OFFICES

Ambient CRI80	70002	164
Ambient CRI90	70052	167
High Output	80300	184
COB	MC20	192
RGB	80321	451

RECEPTION AREAS

High CRI	80300	184
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MEETING ROOMS

High CRI	80300	184
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CORRIDORS

Ultra Long 48V	48092	182
Ultra Long 230V	70220	170
Ultra Long 230V	70230	171

CEILING TROFFERS OFFICE LIGHTING

High Output IP20	80340	186
High Output IP67	80350	187
Ultra High Output IP20	80360	188

PRIMARY LIGHTING

High Output IP20	80340	186
High Output IP67	80350	187
Ultra High Output IP20	80360	188

MAINTENANCE AREAS

Ultra Long 230V	70220	170
Ultra Long 230V	70230	171

HIGH-END INDOOR RESIDENTIAL

Ambient	70042	166
High Efficacy	70092	168

ART DISPLAYS

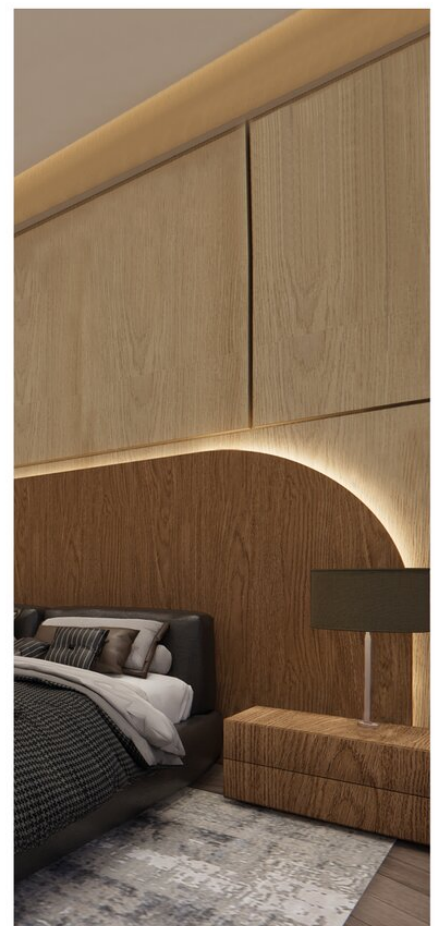
High CRI	80300	184
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ART INSTALLATIONS

Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176
Neon 24V Top bend	FL03	174
	FL04	175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179

SIGNAGE

Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176
Neon 24V Top bend	FL03	174
	FL04	175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179



COMMERCIAL OUTDOOR

LANDSCAPING

Standard	50051	161
Ambient	70012	165
White COB	MC67	193
RGB	80331	452
RGBW	MC67 RGBTW	450

BUILDING FAÇADES

Ultra Long 230V	70220	170
Neon 24V Side Bend	FL01 FL02 FL05	172 173 176
Neon 24V Top bend	FL03, FL04	174 175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179

DECKING

Standard	50051	161
Ambient	70012	165
White COB	MC67	193
RGB	80331	452
RGBW	MC67 RGBTW	450

PATIOS

Standard	50051	161
Ambient	70012	165
White COB	MC67	193
RGB	80331	452
RGBW	MC67 RGBTW	450

PATHWAYS

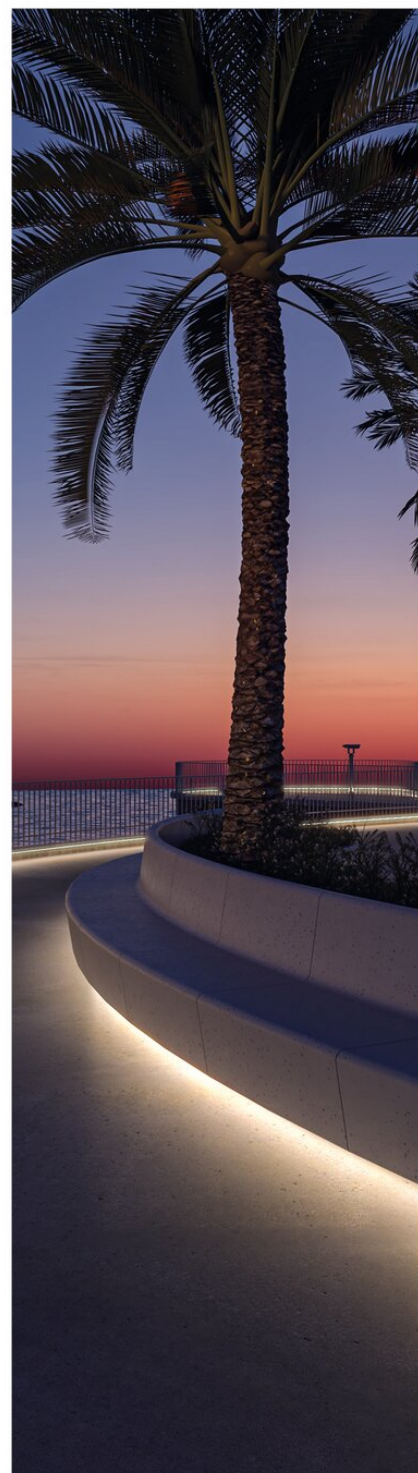
Standard	50051	161
Ambient	70012	165
White COB	MC67	193
RGB	80331	452
RGBW	MC67 RGBTW	450

PATHWAYS

Neon 24V Side Bend	FL01 FL02 FL05	172 173 176
Neon 24V Top bend	FL03 FL04	174 175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179

SIGNAGE

Neon 24V Side Bend	FL01 FL02 FL05	172 173 176
Neon 24V Top bend	FL03 FL04	174 175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179



WHERE TO USE WHICH LED STRIP

Getting The Right Strip For Your Project

HOSPITALITY INDOOR

HOSPITALITY SPACES

Ambient	70002	164
Ultra Long 230V	70220	170
High CRI	80300	184
Ultra Long 48V	48092	182

HOTEL RECEPTIONS

Ultra Long 48V	48092	182
Ultra Long 230V	70220	170
Ultra Long 230V	70230	171

OFFICES

Ambient CRI80	70002	164
Ambient CRI90	70042	170
High Output	80300	184
COB	MC20	192
RGB	80321	451

RESTAURANTS

High CRI	80300	184
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CORRIDORS

Ultra Long 48V	48092	182
Ultra Long 230V	70220	170
Ultra Long 230V	70230	171

SIGNAGE

Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176

Neon 24V Top bend	FL03	174
	FL04	175

Neon 48V 3D Bend	FL3D48	178
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Neon 230V Top Bend	FL230	179
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HOSPITALITY OUTDOOR

OUTDOOR HOSPITALITY SPACES

High Output	80350	187
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BUILDING FAÇADES

Ultra Long 230V	70220	170
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Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176

Neon 24V Top bend	FL03	174
	FL04	175

Neon 48V 3D Bend	FL3D48	178
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Neon 230V Top Bend	FL230	179
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DECKING

Standard	50051	161
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Ambient	70012	165
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White COB	MC67	193
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RGB	80331	452
-----	-------	-----

RGBW	MC67 RGBTW	450
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PATIOS

Standard	50051	161
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Ambient	70012	165
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White COB	MC67	193
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RGB	80331	452
-----	-------	-----

RGBW	MC67 RGBTW	450
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RETAIL SPACES

PATHWAYS

Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176
Neon 24V Top bend	FL03	174
	FL04	175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179

SIGNAGE

Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176
Neon 24V Top bend	FL03	174
	FL04	175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179



RETAIL

High Output IP20	80340	186
High Output IP67	80350	187
Ultra High Output IP20	80360	188

RETAIL DISPLAYS

Ambient	70220	170
Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176
Neon 24V Top bend	FL03	174
	FL04	175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179

ART DISPLAYS

High CRI	80300	184
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RESTAURANTS

High CRI	80300	184
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CORRIDORS

Ultra Long 48V	48092	182
Ultra Long 230V	70220	170
Ultra Long 230V	70230	171

MAINTENANCE AREAS

Ultra Long 230V	48092	163
Ultra Long 230V	70220	165

SIGNAGE

Neon 24V Side Bend	FL01	172
	FL02	173
	FL05	176
Neon 24V Top bend	FL03	174
	FL04	175
Neon 48V 3D Bend	FL3D48	178
Neon 230V Top Bend	FL230	179



STRIP LIGHTING CONTROLS

Get The Ideal Lighting Controls For Your Strip

REMOTE CONTROL/PUSH/DIM

COMPATIBLE WITH 24V & 48V LED STRIP / 24V & 48V NEON

Product Code	Description
186155/DIMMER	1-10V single CCT dimmer (24V only)
5769	Push/DIM 0/1-10V dimmer
5940/U	RGB / RGBW / Tunable White interface
5965/C	Remote controller 4 zones for 5940/U control unit
5942/T	Wall touch panel 4 zones for 5940/U control unit
5953/PUSH	Radio frequency Push interface for 5950/TW, 5940/U & 5960/U

COMPATIBLE WITH 24V COLOUR CHANGE STRIP / NEON RGB

Product Code	Description
5920/RGB	RGB control unit with remote controller
5930/RGBW	RGBW control unit with remote controller
5940/U	RGB / RGBW / Tunable White dimming control unit
5941/C	Remote controller 4 zones for 5940/U control unit
5942/T	Wall touch panel 4 zones for 5940/U control unit
5950/TW	5 channel signal amplifier
5951/C	4 zone wall touch panel for 5950/TW control unit
5952/T	Wi-Fi gateway for 5940/U and 5950/TW control units

COMPATIBLE WITH 230V LED STRIP

Product Code	Description
5862/TRIAC/230V	Single CCT Push dimmer
5951/C	4 zone wall touch panel for 5950/TW control unit
5952/T	Wi-Fi gateway for 5940/U and 5950/TW control units
5953/PUSH	Radio frequency Push interface for 5950/TW, 5940/U & 5960/U

24 & 48V SIGNAL AMPLIFIER

Product Code	Description
5921/S	5 Channel universal signal amplifier

DALI/DMX

COMPATIBLE WITH 24V & 48V LED STRIP / 24V & 48V NEON

Product Code	Description
5749	Single CCT DALI-2 / TRIAC dimmer

COMPATIBLE WITH 24V COLOUR CHANGE STRIP / NEON RGB

Product Code	Description
5834	Multi-channel DALI dimmer
5834/DMX	RGB/RGBW DMX control unit

COMPATIBLE WITH 230V LED STRIP

Product Code	Description
5973/DALI/230V	DALI/TRIAC interface

WIFI/BLUETOOTH

COMPATIBLE WITH 24V & 48V LED STRIP / NEON 24V & 48V

Product Code	Description
5960/U	RGBW WiFi and bluetooth interface for 24V-48VDC strip
5941/C	4 zone remote for 5940/U & 5960/U control units
5942/T	4 zone wall touch panel for 5940/U & 5960/U control unit
5922	Casambi Bluetooth control unit (24V only)

COMPATIBLE WITH LED STRIP 230V




















Product Code	Description
5919	Casambi Bluetooth dimmer

EMERGENCY KIT

Product Code	Description
KIT/EMERGENZA/3H	Emergency kit for LEDs up to 3 hours (IP20 for indoor use only. Can be used with 24Vdc products to a maximum of 30W)

PROFILE COMPATIBILITY

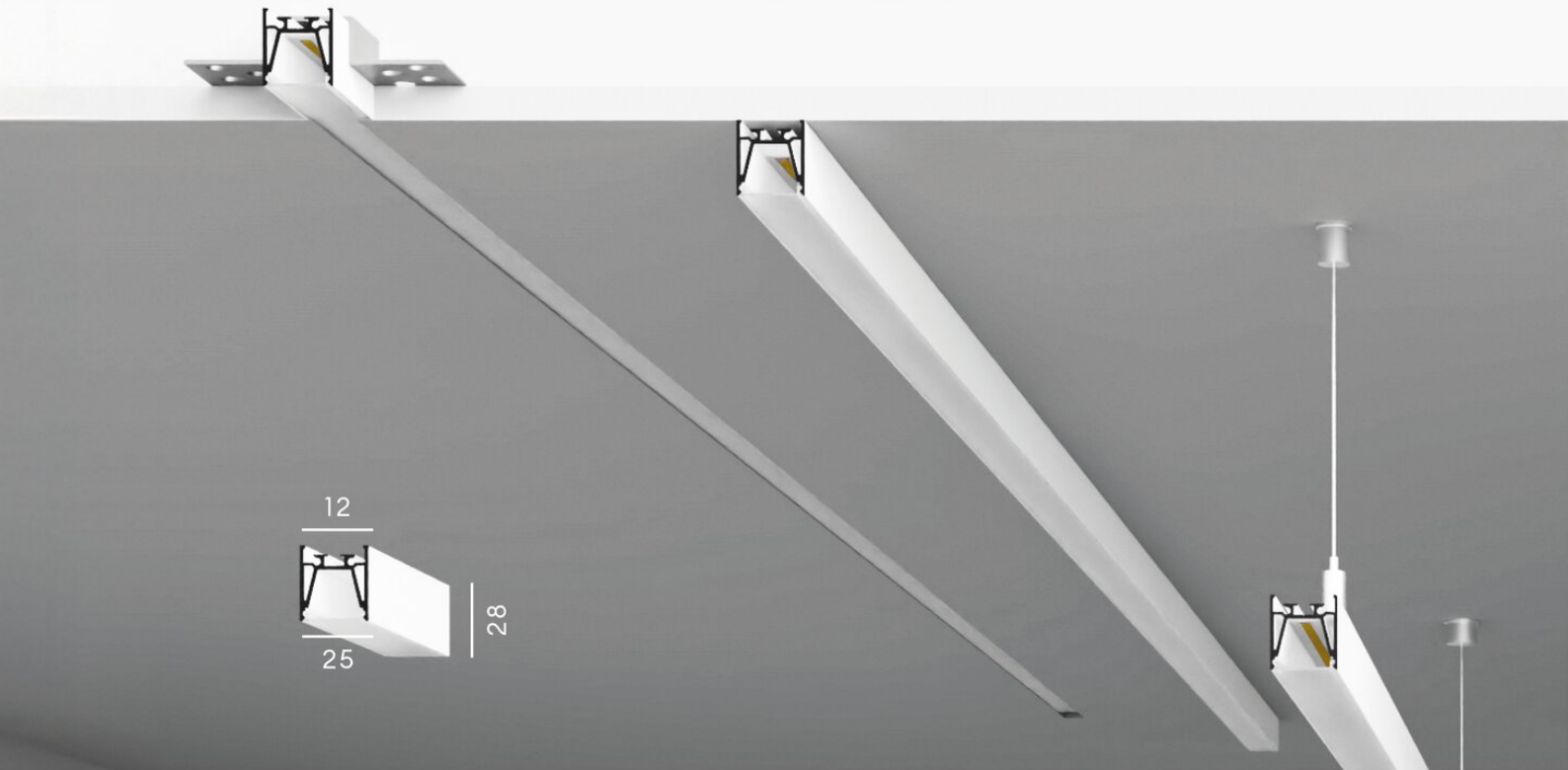
Which Strip Fits Into Which Profile

		INDOOR LIGHTING										
		48092	MC20/11	50041	50092	70002	70042	70092	80160	80200	80300	80340
SURFACE MOUNTED	 BARRA/STRIP/3H	●	●	●	●	●	●	●	✗	●	●	●
	 BARRA/STRIP/3E	●	●	●	●	●	●	●	✗	●	●	●
	 BARRA/STRIP/10	●	●	●	●	●	●	●	●	●	●	●
	 BARRA/STRIP/18	✗	●	●	✗	●	●	✗	✗	●	✗	✗
	 BARRA/STRIP/23	●	●	●	●	●	●	●	✗	●	✗	✗
	 BARRA/STRIP/25	●	●	●	●	●	●	●	✗	●	●	●
	 PA/01	●	●	●	●	●	●	●	✗	●	●	●
	 PA/02	●	●	●	●	●	●	●	✗	●	●	●
	 PA/08	●	●	●	●	●	●	●	✗	●	●	✗
	 PA/11	●	●	●	●	●	●	●	✗	●	●	●
	 PA/12	●	●	●	●	●	●	●	●	●	●	●
	 PA/13	●	●	●	●	●	●	●	✗	●	●	●
	 PA/14	●	●	●	●	●	●	●	●	●	●	●
	 PA/15	●	●	●	●	●	●	●	✗	●	●	●
	RECESSED	 BARRA/STRIP/4	●	●	●	●	●	●	●	✗	●	●
 BARRA/STRIP/5		●	●	●	●	●	●	●	✗	●	●	●
 BARRA/STRIP/9		●	●	●	●	●	●	●	●	●	●	●
 BARRA/STRIP/16		●	●	●	●	●	●	●	●	●	●	●
 BARRA/STRIP/24		●	●	●	●	●	●	●	✗	●	●	●
 PA/09		●	●	●	●	●	●	●	✗	●	●	●
 PA/10		●	●	●	●	●	●	●	●	●	●	●
ANGLED	 BARRA/STRIP/6	●	●	●	●	●	●	●	✗	●	●	●
	 BARRA/STRIP/8	●	●	●	●	●	●	●	✗	●	●	✗
	 BARRA/STRIP/11	●	●	●	●	●	●	●	●	●	●	●
	 BARRA/STRIP/12	●	●	●	●	●	●	●	●	●	●	●
	 BARRA/STRIP/22	●	●	●	●	●	●	●	✗	●	●	✗

	OUTDOOR LIGHTING													COLOUR CHANGE						
	80360	80390	48102	MC67/11	50051	50102	70012	70052	70102	70220	70230	80310	80350	MC20/16	MC67/16	80321	80322	80331	80332	80371
	●	●	✗	●	●	✗	●	●	✗	✗	✗	✗	✗	●	✗	●	●	✗	✗	●
	✗	●	✗	●	●	✗	●	●	✗	✗	✗	✗	✗	✗	✗	●	●	✗	✗	●
	●	●	●	●	●	●	●	●	●	✗	✗	●	●	●	●	●	●	●	●	●
	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
	✗	●	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	●	●	✗	✗	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	✗	●	●	●	●	●	✗	✗	✗	✗	✗	✗	✗	●	●	✗	✗	●
	●	●	✗	●	●	●	●	●	✗	✗	✗	✗	✗	✗	✗	●	●	✗	✗	●
	●	●	✗	✗	●	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	●	✗	✗	✗	●
	●	●	✗	●	●	●	●	●	●	✗	✗	✗	✗	●	✗	●	●	✗	✗	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	✗	●	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	●	●	✗	✗	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	✗	✗	●	✗	●	●	●	●	●	●	●
	●	●	✗	●	●	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	●	✗	✗	✗	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	✗	●	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	●	✗	✗	✗	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	✗	●	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	●	●	✗	✗	●

ARCHITECTURAL PROFILES

Shallow Profiles

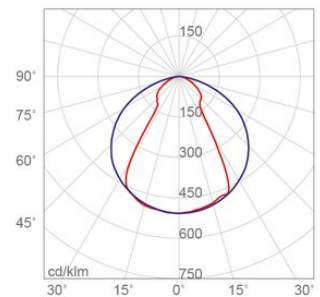


PA/01

Shallow Profile in Recessed, Surface Mount & Suspended



- Length 2m



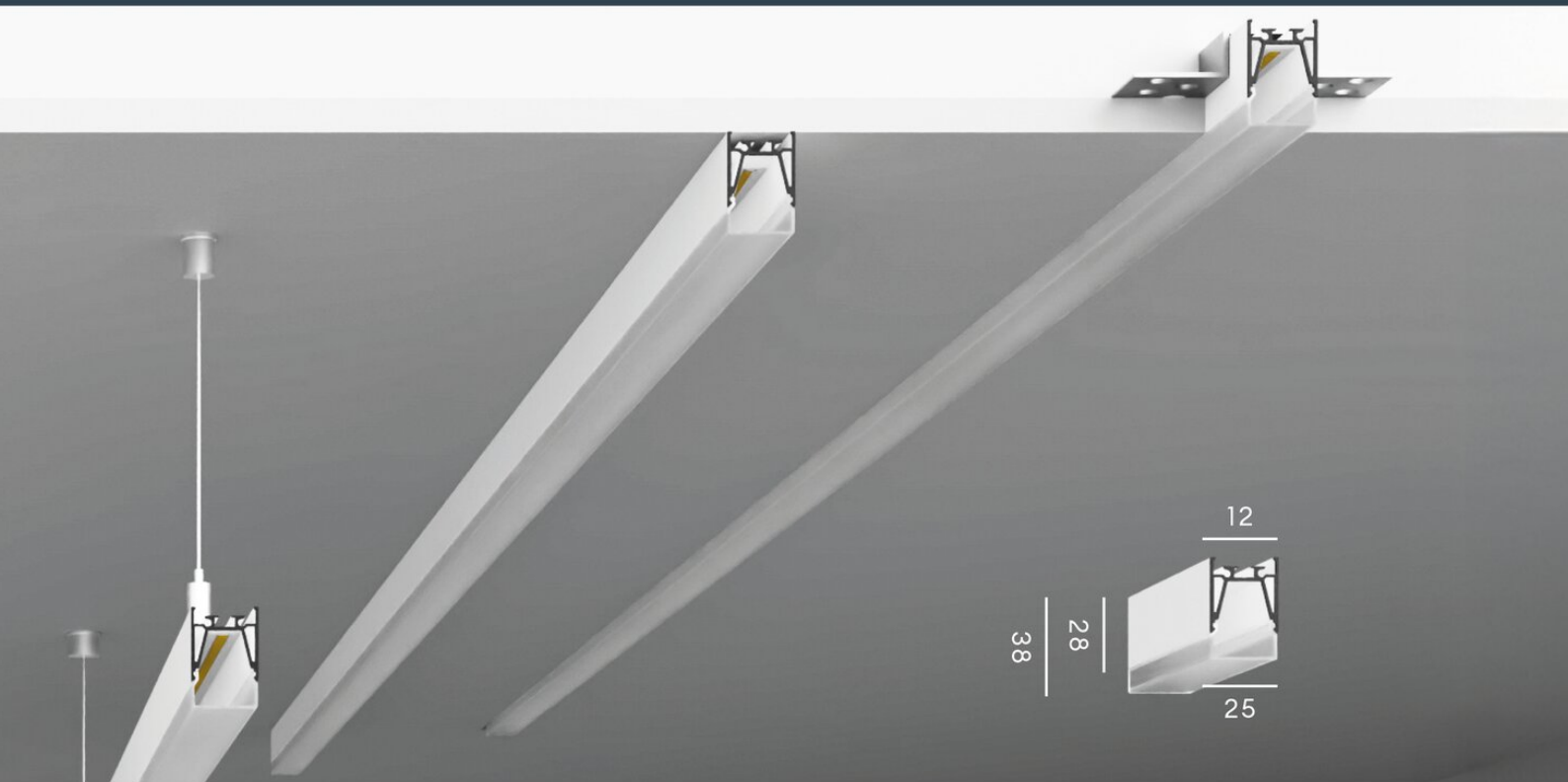
Product Code	Colour	Diffuser	Length
PA/01	White	Transparent PC	2m
PA/01/S	White	Opaque PC	2m

H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	1.2x3.2	572	206
2	2.4x6.5	143	52
3	3.6x9.8	64	23

ACCESSORIES

Product Code	Description	
KIT/PA01	Kit of 4x Caps and 4x Fixing Clips	Included
DIFF/PA01	Transparent diffuser 2m	Not Included
DIFF/PA01/S	Opaque diffuser 2m	Not Included
KIT/SOSP/PA	Suspension Kit (2 pieces)	Not Included
KIT/TRIM/PA	Trimless recessed kit (2 pieces) for 13mm thick plasterboard	Not Included
W35/ROSE/5P/W	5-pin white power rose kit	Not Included
W35/ROSE/5P/B	5-pin black power rose kit	Not Included

1m PA/01 + 70092/N +
Transparent diffuser

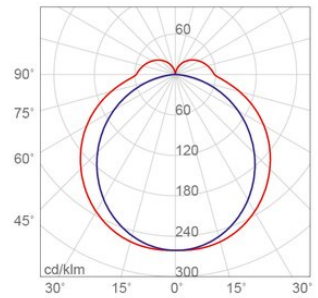


PA/02

Shallow Profile in Recessed, Surface Mount & Suspended



- Length 2m



Product Code	Colour	Diffuser	Length
PA/02/S	White	Opaque PC	2m

H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	2.7x4.5	277	54
2	5.5x9.0	69	14
3	8.2x13.5	31	6

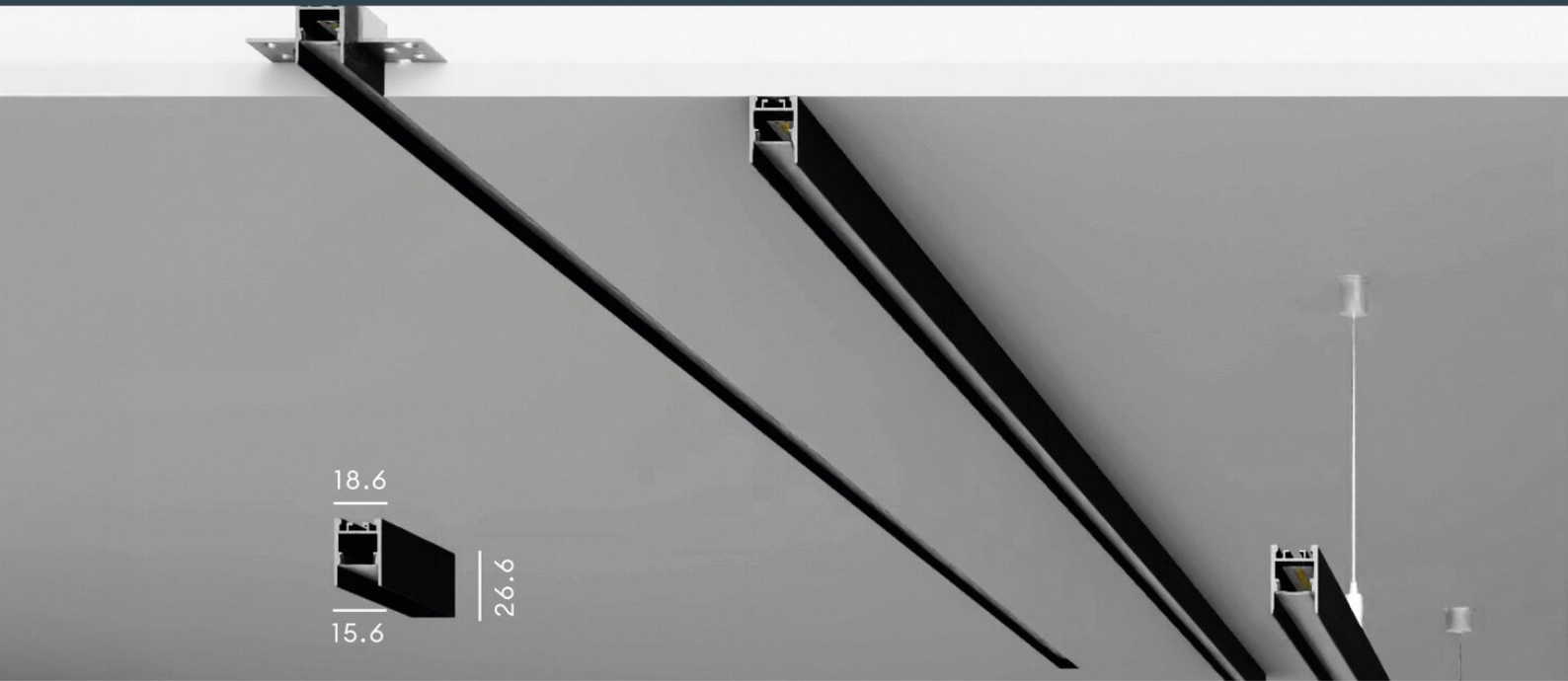
ACCESSORIES

Product Code	Description	
KIT/PA02	Kit of 4x Caps and 4x Fixing Clips	Included
DIFF/PA02/S	Opaque diffuser 2m	Not Included
KIT/SOSP/PA	Suspension Kit (2 pieces)	Not Included
KIT/TRIM/PA	Trimless recessed kit (2 pieces) for 13mm thick plasterboard	Not Included
W35/ROSE/5P/W	5-pin white power rose kit	Not Included
W35/ROSE/5P/B	5-pin black power rose kit	Not Included

1m PA/02 + 70092/N + Opaque diffuser

ARCHITECTURAL PROFILES

Recessed Diffuser Profiles

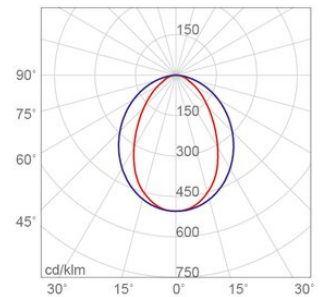


PA/11

Recessed Diffuser Profile in Recessed, Surface Mount & Suspended



- Recessed diffuser for visual comfort
- Length up to 3m
- White & black options
- Diffuser up to 10m in length



Product Code	Colour	Diffuser	Length
PA/11/S	White	Opaque PC	2m
PA/11/S/B	Black	Opaque PC	2m
PA/11/S/3M	White	Opaque PC	3m
PA/11/S/B/3M	Black	Opaque PC	3m

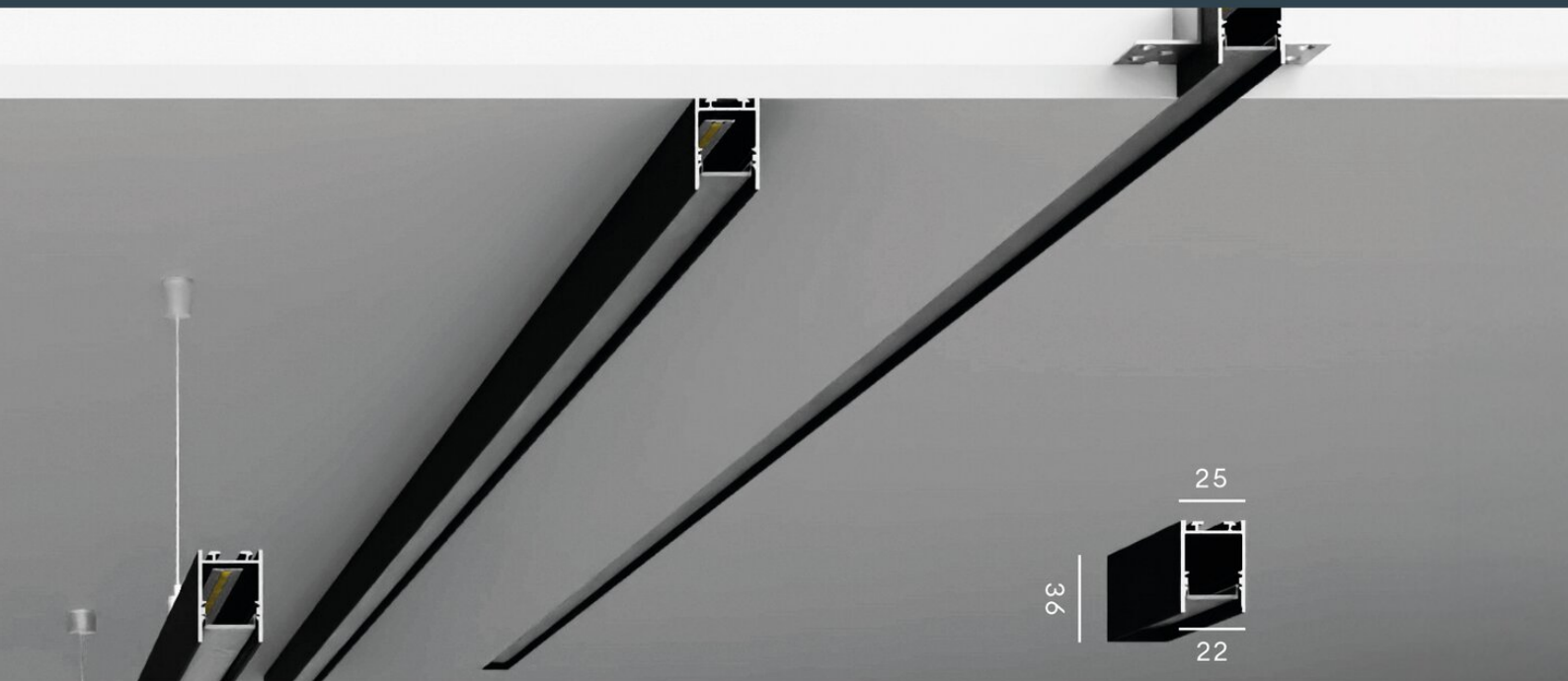
H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	1.4x2.4	292	108
2	2.5x4.8	73	27
3	4.3x7.3	32	12

0.5m PA/11 + 70092/C + Opal diffuser

ACCESSORIES

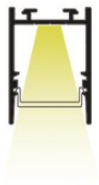
Product Code	Description	
-	2m: 2x Caps, 2x Fixing Clips 3m: 3x Caps, 3x Fixing Clips	Included
KIT/PA11	White 4x Caps and 4x Fixing Clips	Not Included
KIT/PA11/3M	White 6x Caps and 6x Fixing Clips	Not Included
KIT/PA11/B	Black 4x Caps and 4x Fixing Clips	Not Included
KIT/PA11/B/3M	Black 6x Caps and 6x Fixing Clips	Not Included
DIFF.B/STRIP/3/S	Opaque diffuser 2m	Not Included
DIFF.BAR/3E/S/3M	Opaque diffuser 3m	Not Included

Product Code	Description	
DIFF/5M/S	Opaque diffuser in 5m coil	Included
DIFF/10M/S	Opaque diffuser in 10m coil	Not Included
KIT/SOSP/PA	Suspension Kit (2 pieces)	Not Included
KIT/TRIM/PA11	Trimless recessed kit (2 pieces) for 13mm plasterboard	Not Included
W35/ROSE/5P/W	White 5-pin power rose kit	Not Included
W35/ROSE/5P/B	Black 5-pin power rose kit	Not Included

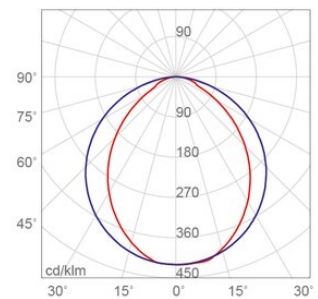


PA/12

Recessed Diffuser Profile in Recessed, Surface mount & Suspended



- Recessed diffuser for visual comfort
- Continuous row installation possible with clips
- Length up to 3m
- White & black options
- Diffuser up to 10m in length



Product Code	Colour	Diffuser	Length
PA/12/S	White	Opaque PC	2m
PA/12/S/B	Black	Opaque PC	2m
PA/12/S/3M	White	Opaque PC	3m
PA/12/S/B/3M	Black	Opaque PC	3m

H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	2x3	190	55
2	4x6	48	14
3	6x9	21	6

0.5m PA/12 + 70092/C + Opal diffuser

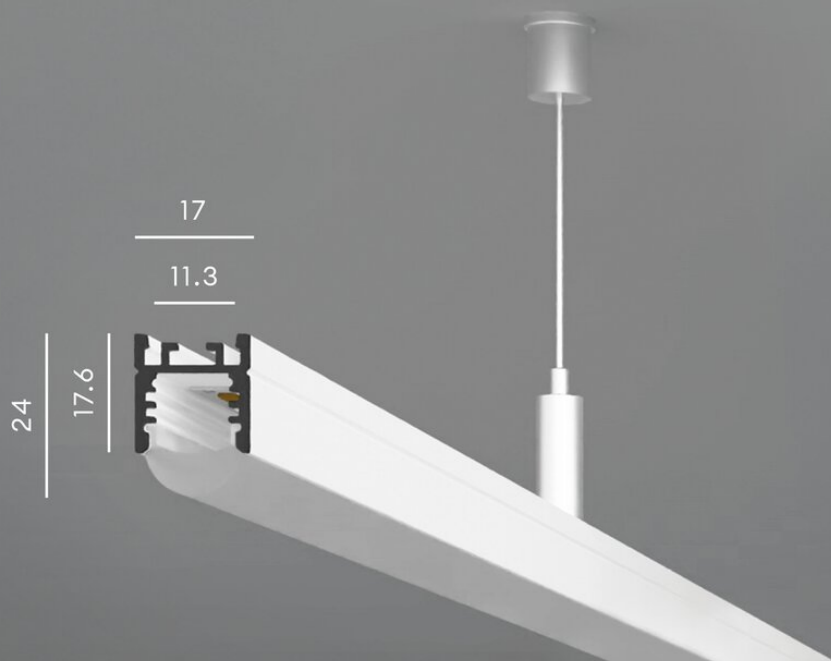
ACCESSORIES

Product Code	Description	Included
-	2m: 2x Caps, 2x Fixing Clips 3m: 3x Caps, 3x Fixing Clips	Included
KIT/PA12	White 4x Caps and 4x Fixing Clips	Not Included
KIT/PA12/3M	White 6x Caps and 6x Fixing Clips	Not Included
KIT/PA12/B	Black 4x Caps and 4x Fixing Clips	Not Included
KIT/PA12/B/3M	Black 6x Caps and 6x Fixing Clips	Not Included
DIFF/PA12/S	Opaque diffuser 2m	Not Included

Product Code	Description	Included
DIFF/PA12/S/3M	Opaque diffuser 3m	Not Included
DIFF/10M/9S	Opaque diffuser in 10m coil	Included
KIT/SOSP/PA	Suspension Kit (2 pieces)	Not Included
KIT/TRIM/PA12	Trimless recessed kit (2 pieces) for 13mm plasterboard	Not Included
W35/ROSE/5P/W	White 5-pin power rose kit	Not Included
W35/ROSE/5P/B	Black 5-pin power rose kit	Not Included

ARCHITECTURAL PROFILES

Curved Diffuser Profiles



PA/08

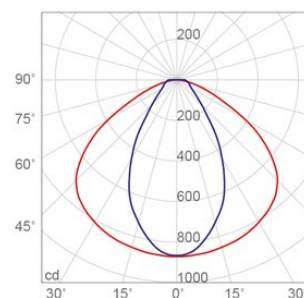
Curved Diffuser Profile in Surface Mount & Suspended



2m



- Shallow profile
- 5 beam angle options in a single profile

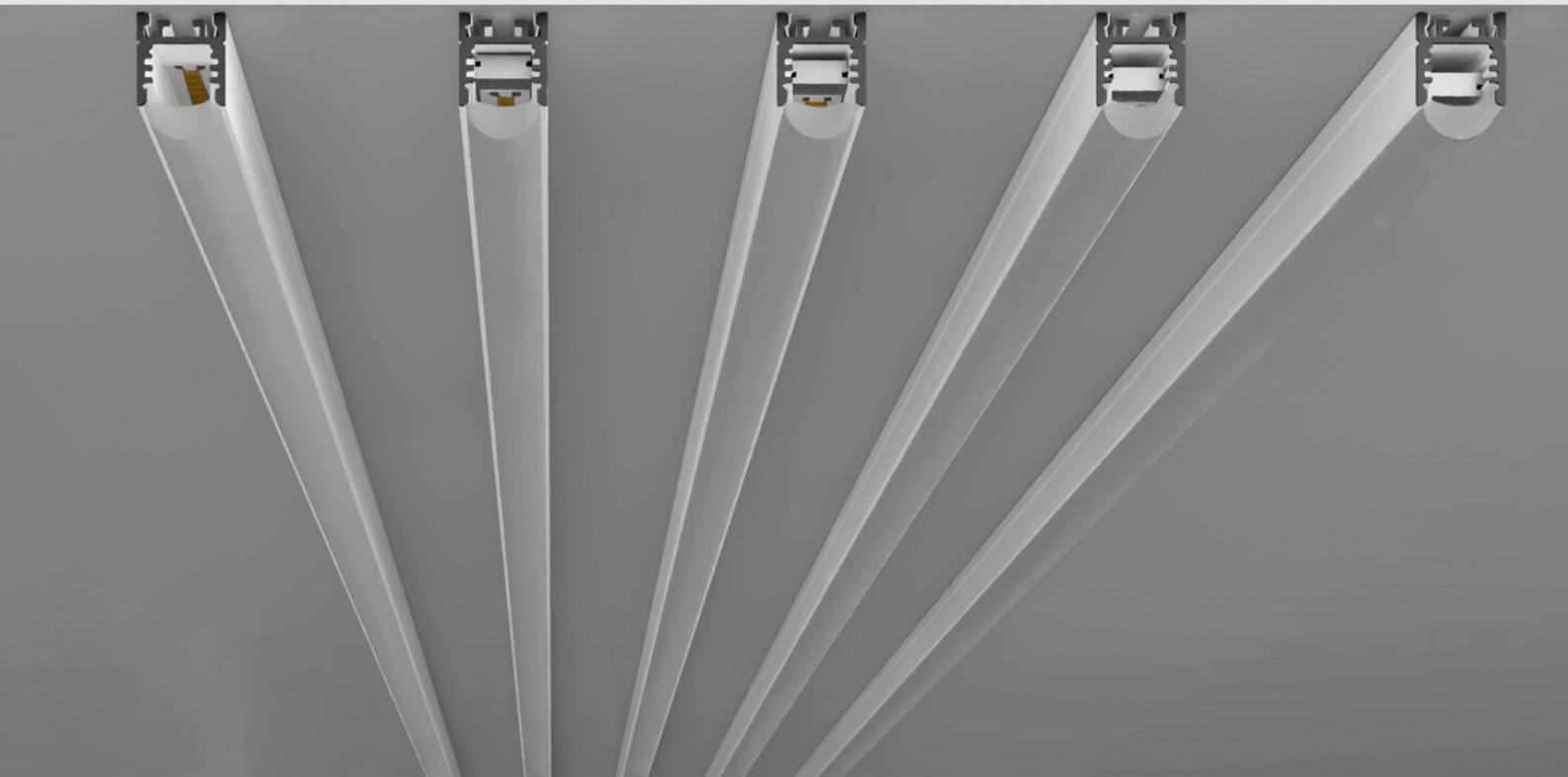


H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	1.2x3.2	872	286
2	2.4x6.5	218	71
3	3.5x9.8	97	32

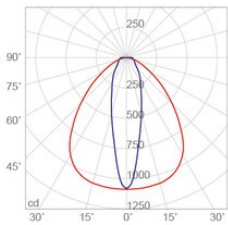
1m PA/08 + 70092/C + Lens

ACCESSORIES

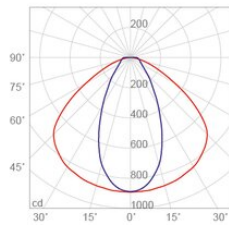
Product Code	Description	
KIT/PA11	White 4x Caps and 4x Fixing Clips	Included
DIFF/PA08	Opaque 2m lens	Not Included
KIT/SOSP/PA	Suspension Kit (2 pieces)	Not Included
W35/ROSE/5P/W	White 5-pin power rose kit	Not Included
W35/ROSE/5P/B	Black 5-pin power rose kit	Not Included



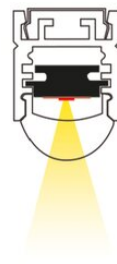
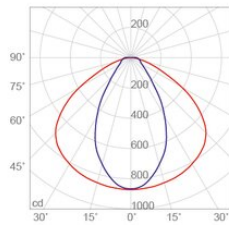
25°



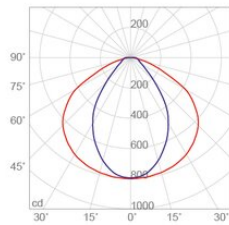
53°



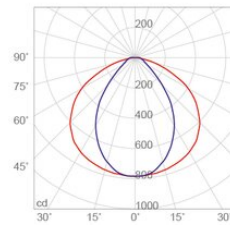
61°



72°



75°



ARCHITECTURAL PROFILES

Cylindrical Profiles

PA/15

Cylindrical Suspended Profile



2m

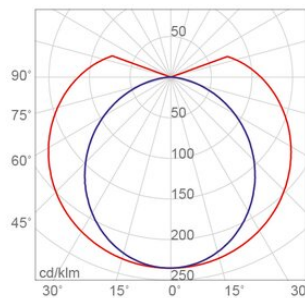


- 180° beam angle for greater light uniformity

Product Code	Colour	Diffuser	Length
PA/15/S	White	Opaque PC	2m

ACCESSORIES

Product Code	Description	
KIT/PA15	White 2x Caps	Included
DIFF/PA15/S	Opaque diffuser 2m	Not Included
KIT/SOSP/PA	Suspension Kit (2 pieces)	Not Included
W35/ROSE/5P/W	White 5-pin power rose kit	Not Included
W35/ROSE/5P/B	Black 5-pin power rose kit	Not Included



H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	2.7x48	185	4
2	5.4x96	46	1
3	8.0x144	21	0

0.5m PA/15 + 70092/C +
Opaque diffuser



13

Ø30

PA/13

Wall Mounted Profile



- Option to put driver inside profile

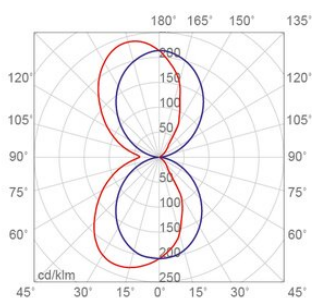
Product Code	Colour	Diffuser	Length
PA/13/S	White	Opaque PC	2m
PA/13/L	White	PMMA Asymmetric Lens	2m

ACCESSORIES

Product Code	Description	
KIT/PA13	White 2x Caps and 4x Fixing Clips	Included
DIFF.B/STRIP/3/S	Opaque diffuser 2m	Not Included
DIFF/PA13/L	Asymmetric Lens 2m	Not Included
DIFF/5M/S	Opaque diffuser in 5m coil	Not Included
DIFF/10M/S	Opaque diffuser in 10m coil	Not Included

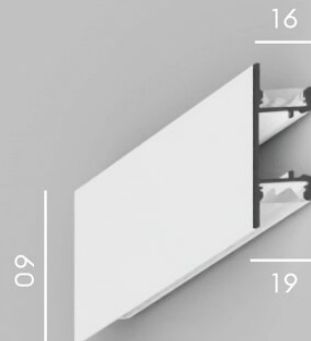
CHOOSE A DRIVER

Product Code	W	IP
5855	20W	IP20

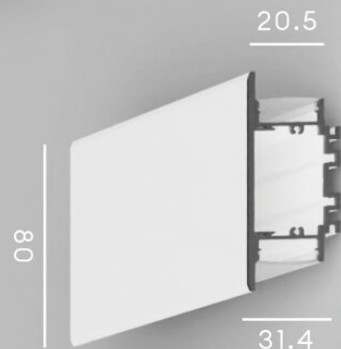


0.5m PA/13 + 70092/C + PMMA lens

PA/13



PA/14



PA/14

Wall Mounted Profile



- Option to put driver inside profile
- Compatible with all of our LED Strip

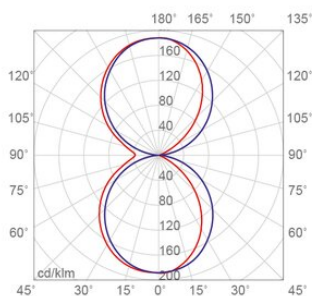
Product Code	Colour	Diffuser	Length
PA/14/S	White	Opaque PC	2m

ACCESSORIES

Product Code	Description	
KIT/PA14	White 2x Caps and 4x Fixing Clips	Included
DIFF.B/STRIP/9/S	Opaque diffuser 2m	Not Included

CHOOSE A DRIVER

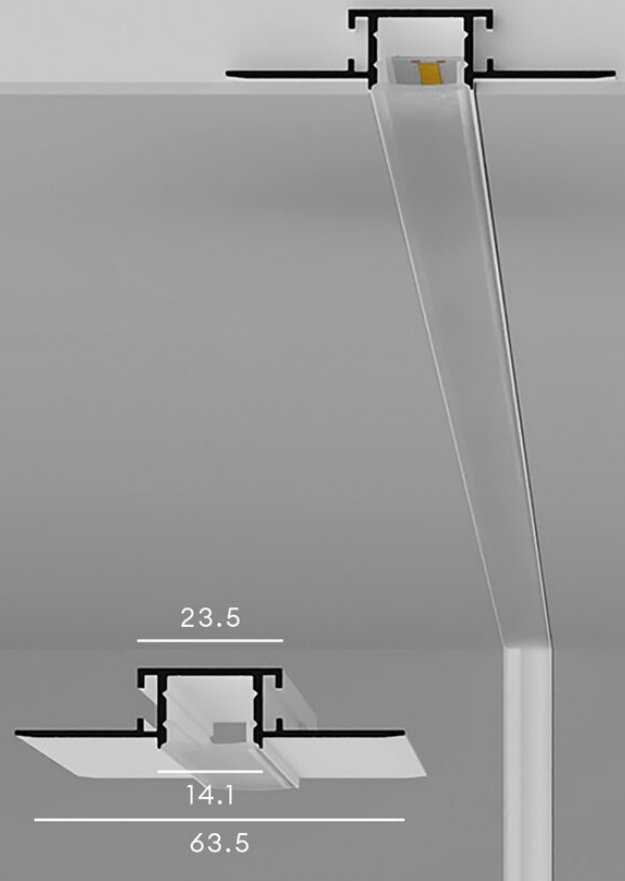
Product Code	W	IP
5988	30W	IP20
5989	60W	IP20
5990	100W	IP20



0.5m PA/14 + 70092/C + Opaque diffuser

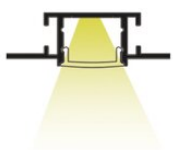
ARCHITECTURAL PROFILES

Cylindrical Profiles

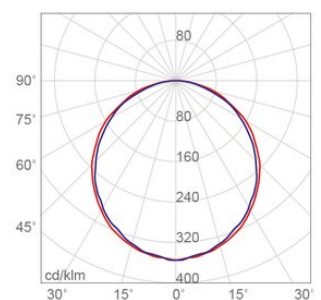


PA/09

Recessed Architectural Profile



- Minimal visual impact with maximum light output
- Diffuser up to 10m long for continuous light beams



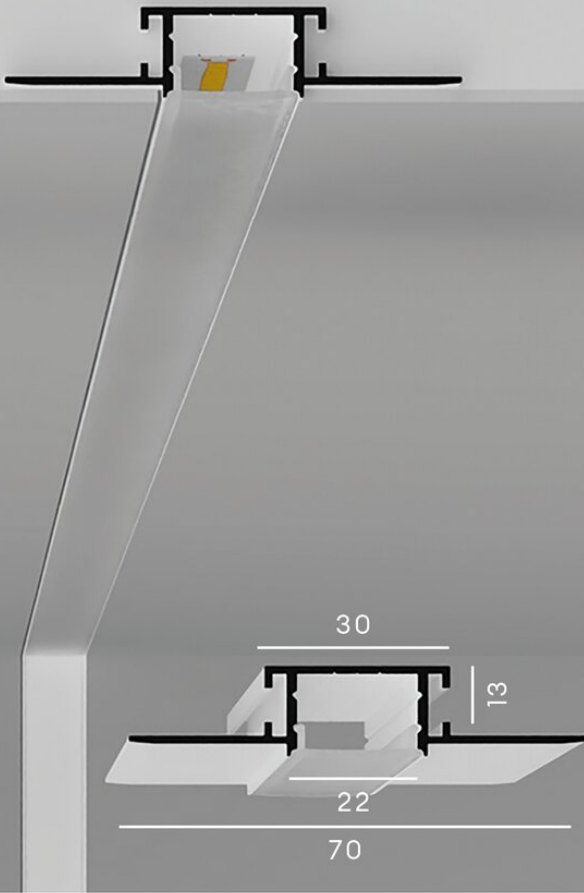
Product Code	Colour	Diffuser	Length
PA/09/S	White	Opaque PC	2m

ACCESSORIES

Product Code	Description	
KIT/PA09	Kit of 4x Caps	Included
DIFF.B/STRIP/3/S	Opaque diffuser 2m	Included
DIFF/5M/S	Opaque diffuser in 5m coil	Not Included
DIFF/10M/S	Opaque diffuser in 10m coil	Not Included

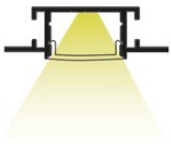
H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	3	172	43
2	6	43	11
3	9	19	5

1m PA/09 + 70092/N +
Opaque diffuser

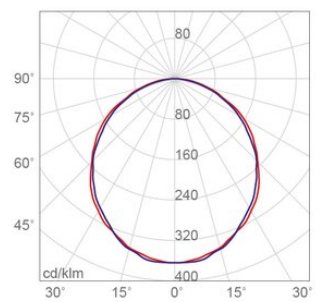


PA/10

Recessed Architectural Profile



- Minimal visual impact with maximum light output



Product Code	Colour	Diffuser	Length
PA/10/S	White	Opaque PC	2m

H (m)	D (m)	E _{max} (lx)	E _{av} (lx)
1	3	200	52
2	5.7	50	13
3	8	22	6

ACCESSORIES

Product Code	Description	
KIT/PA10	Kit of 4x Caps	Included
DIFF/PA10/S	Opaque diffuser 2m	Included

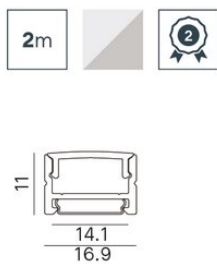
1m PA/10 + 70092/N + Opaque diffuser

ALUMINIUM PROFILES

Profiles

BARRA/STRIP/3H

SURFACE MOUNT

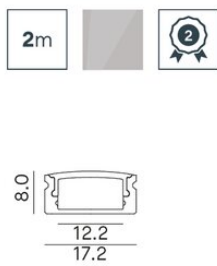


Product Code	Colour	Diffuser	Length
BARRA/STRIP/3H	Aluminium	Transparent PC	2m
BARRA/STRIP/3H/S	Aluminium	Opaque PC	2m
BARRA/STRIP/3HW	White	Transparent PC	2m
BARRA/STRIP/3HSW	White	Opaque PC	2m

Accessories	Description	Accessories	Description
KIT/CLIP/45	45° Profile Fixing Clip	DIFF/5M/S	Opaque diffuser in 5m coil
KIT/CLIP/180	Adjustable +/-90° Profile Fixing Clip	DIFF/10M/S	Opaque diffuser in 10m coil
		TAS/BS	PVC Spacer

BARRA/STRIP/3E

SURFACE MOUNT

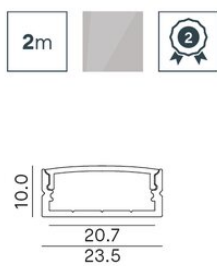
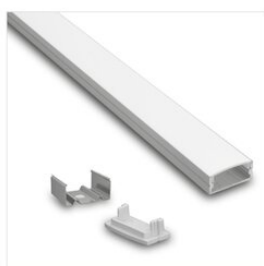


Product Code	Colour	Diffuser	Length
BARRA/STRIP/3E	Aluminium	Transparent PC	2m
BARRA/STRIP/3E/S	Aluminium	Opaque PC	2m

Accessories	Description	Accessories	Description
KIT/CLIP/45	45° Profile Fixing Clip	DIFF/5M/S	Opaque diffuser in 5m coil
KIT/CLIP/180	Adjustable +/-90° Profile Fixing Clip	DIFF/10M/S	Opaque diffuser in 10m coil
		TAS/BS	PVC Spacer

BARRA/STRIP/10

SURFACE MOUNT

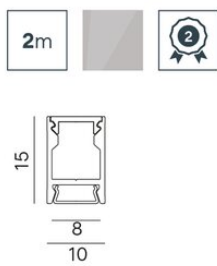


Product Code	Colour	Diffuser	Length
BARRA/STRIP/10	Aluminium	Transparent PC	2m
BARRA/STRIP/10/S	Aluminium	Opaque PC	2m

Accessories	Description
DIFF/10M/9S	Opaque Diffuser in 10cm Coil
TAS/BS	PVC Spacer

BARRA/STRIP/18

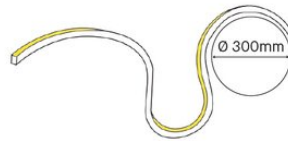
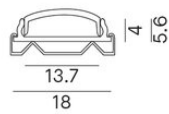
SURFACE MOUNT



Product Code	Colour	Diffuser	Length
BARRA/STRIP/18	Aluminium	Transparent PC	2m
BARRA/STRIP/18/S	Aluminium	Opaque PC	2m

BARRA/STRIP/23

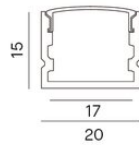
SURFACE MOUNT



Product Code	Colour	Diffuser	Length
BARRA/STRIP/23/S	Aluminium	Opaque PC	2m

BARRA/STRIP/25

SURFACE MOUNT

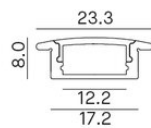


Product Code	Colour	Diffuser	Length
BARRA/STRIP/25	Aluminium	Transparent PC	2m
BARRA/STRIP/25/S	Aluminium	Opaque PC	2m

Accessories	Description
TAS/BS	PVC Spacer

BARRA/STRIP/4

RECESSED

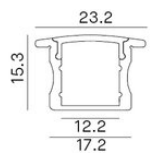


Product Code	Colour	Diffuser	Length
BARRA/STRIP/4	Aluminium	Transparent PC	2m
BARRA/STRIP/4/S	Aluminium	Opaque PC	2m
BARRA/STRIP/4/W	White	Transparent PC	2m
BARRA/STRIP/4/SW	White	Opaque PC	2m

Accessories	Description
DIFF/5M/S	Opaque diffuser in 5m coil
DIFF/10M/S	Opaque diffuser in 10m coil

BARRA/STRIP/5

RECESSED



Product Code	Colour	Diffuser	Length
BARRA/STRIP/5	Aluminium	Transparent PC	2m
BARRA/STRIP/5/S	Aluminium	Opaque PC	2m

Accessories	Description
DIFF/5M/S	Opaque diffuser in 5m coil
DIFF/10M/S	Opaque diffuser in 10m coil

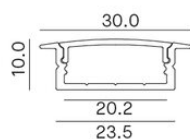
ALUMINIUM PROFILES

Profiles

BARRA/STRIP/9

RECESSED

10 x 26 x L mm

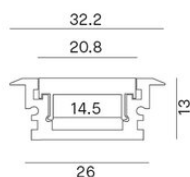


Product Code	Colour	Diffuser	Length
BARRA/STRIP/9	Aluminium	Transparent PC	2m
BARRA/STRIP/9/S	Aluminium	Opaque PC	2m
Accessories	Description		
DIFF/10M/9S	Opaque Diffuser in 10cm Coil		

BARRA/STRIP/24

RECESSED - WALK OVER

15 x 28 x L mm

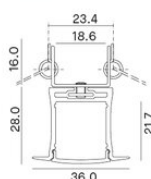
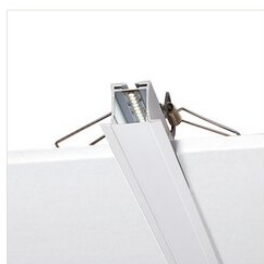


Product Code	Colour	Diffuser	Length
BARRA/STRIP/24/S	Aluminium	Opaque PC	2m

BARRA/STRIP/16

RECESSED

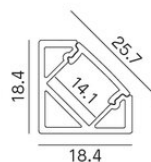
28 x L mm



Product Code	Colour	Diffuser	Length
BARRA/STRIP/16	White	Transparent PC	2m
BARRA/STRIP/16/S	White	Opaque PC	2m

BARRA/STRIP/6

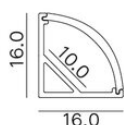
ANGLED



Product Code	Colour	Diffuser	Length
BARRA/STRIP/6	Aluminium	Transparent PC	2m
BARRA/STRIP/6/S	Aluminium	Opaque PC	2m
BARRA/STRIP/6/W	White	Transparent PC	2m
BARRA/STRIP/6/SW	White	Opaque PC	2m
Accessories	Description		
DIFF/5M/S	Opaque diffuser in 5m coil		
DIFF/10M/S	Opaque diffuser in 10m coil		

BARRA/STRIP/22

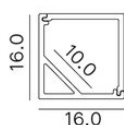
ANGLED



Product Code	Colour	Diffuser	Length
BARRA/STRIP/22	Aluminium	Transparent PC	2m
BARRA/STRIP/22/S	Aluminium	Opaque PC	2m

BARRA/STRIP/8

ANGLED

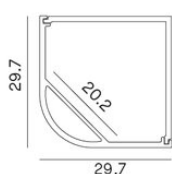


Product Code	Colour	Diffuser	Length
BARRA/STRIP/8	Aluminium	Transparent PC	2m
BARRA/STRIP/8/S	Aluminium	Opaque PC	2m

Accessories	Description
DIFF/10M/9S	Opaque Diffuser in 10cm Coil

BARRA/STRIP/11

ANGLED

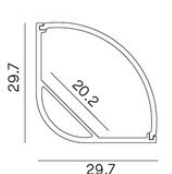


Product Code	Colour	Diffuser	Length
BARRA/STRIP/11	Aluminium	Transparent PC	2m
BARRA/STRIP/11/S	Aluminium	Opaque PC	2m

Accessories	Description
TAS/BS	PVC Spacer

BARRA/STRIP/12

ANGLED



Product Code	Colour	Diffuser	Length
BARRA/STRIP/12	Aluminium	Transparent PC	2m
BARRA/STRIP/12/S	Aluminium	Opaque PC	2m

Accessories	Description
TAS/BS	PVC Spacer

STRIP LIGHTS

10W

Ideal for primary lighting with 10W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

3 years

BENEFITS

Accent lighting solution

120 LEDs/m

Ideal for Living Spaces, Shelving, Staircases & Kitchens

Up to 167lm/W

8mm width, suitable with all profiles



50041

10W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	120
Input	24V DC
LED Life	L70 30,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-45°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
50041/2700K	5m	10W/m	2700K	120	1260	126	
50041/C	5m	10W/m	3000K	120	1390	139	
50041/F	5m	10W/m	6000K	120	1674	167	
50041/N	5m	10W/m	4000K	120	1520	152	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 460-461 to choose driver option

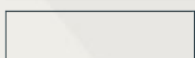
ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted
--------------------------	---

132

Cut 50mm

1.2mm



8mm



- 10W** Ideal for primary lighting with 10W/m
- IP65** Ideal for wet environments with IP65 rating
-  Quick and easy installation with self-adhesive backing

50051

10W/m, IP65, 24V DC, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP65	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Self Adhesive Backing	Yes	Electric Class	III
Dimmable	Optional	Constant Voltage	Yes
Input	24V DC		
CRI	CRI>80		
SDCM	SDCM3		

GUARANTEE

3 years

BENEFITS

- High efficacy up to 167lm/W
- Ideal for Leisure Spaces & Gardens
- 10mm width

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
50051/2700K	5m	10W/m	2700K	120	1260	126	
50051/C	5m	10W/m	3000K	120	1390	139	
50051/F	5m	10W/m	6000K	120	1674	167	
50051/N	5m	10W/m	4000K	120	1520	152	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

15W

Ideal for primary lighting with 15W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

2 years

BENEFITS

Up to 161lm/W

Ideal for Retail, Hospitality and Office Spaces

210 LEDs/m for uniform light

8mm width, suitable with all profiles



50092

15W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	None
LED/m	210
Input	24V DC
LED Life	L30 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
50092/2700K	5m	15W/m	2700K	120	2200	147	
50092/C	5m	15W/m	3000K	120	2260	151	
50092/F	5m	15W/m	6000K	120	2340	156	
50092/N	5m	15W/m	4000K	120	2420	161	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

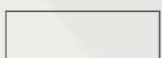
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
--------------------------	---	-----

Cut 33.3mm

1.2mm





- 15W** Ideal for primary lighting with 15W/m
- IP65** Ideal for wet environments with IP65 rating
- Quick and easy installation with self-adhesive backing

GUARANTEE
2 years

BENEFITS
210 LEDs/m
Ideal for Hospitality Spaces, Hotel Receptions & Corridors, Building Façades, Large Gardens & Maintenance Areas

50102

15W/m, IP65, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
IP Rating	IP65	Construction Material	Flexible Tape
Colour Flexibility	Single CCT	Maximum Running Length	5m
Self Adhesive Backing	Yes	Ambient Temperature	-20-40°C
Dimmable	Optional	Electric Class	III
LED/m	210	Constant Voltage	Yes
Input	24V DC		
LED Life	L70 30,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	lm	Lm/W
50102/2700K	5m	15W/m	2700K	2200	147
50102/C	5m	15W/m	3000K	2260	151
50102/F	5m	15W/m	6000K	2340	156
50102/N	5m	15W/m	4000K	2420	161

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

4.8W

Ideal for 4.8W/m accent lighting

IP20

Ideal for Living Spaces, Shelving, Staircases & Kitchens with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

120 LEDs/m

Cut intervals every 50mm

8mm width, compatible with all profiles



70002

4.8W/m, IP20, 24V current regulated, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
Input	24V DC
LED Life	L70 45,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70002/2700K	5m	4.8W/m	2700K	120	534	111	
70002/C	5m	4.8W/m	3000K	120	562	117	
70002/F	5m	4.8W/m	6000K	120	629	131	
70002/N	5m	4.8W/m	4000K	120	629	131	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 460-461 to choose driver option

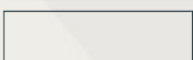
ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted
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132

Cut 50mm

1.2mm





- 4.8W** Ideal for 4.8W/m accent lighting
- IP67** Ideal for Bathrooms, Decking, Patios & Landscaping with IP67 rating
-  Quick and easy installation with self-adhesive backing

GUARANTEE
5 years

BENEFITS
120 LEDs/m
Cut intervals every 50mm
10mm width

70012

4.8W/m, IP67, 24V current regulated, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Install Connector Type	Flying lead
IP Rating	IP67	Construction Material	Flexible Tape with Silicone Coating
Bespoke Lengths	Yes	Maximum Running Length	5m
Self Adhesive Backing	Yes	Ambient Temperature	-20-40°C
Dimmable	Optional	Electric Class	III
Input	24V DC	Constant Voltage	Yes
LED Life	L70 45,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70012/2700K	5m	4.8W/m	2700K	120	534	111	
70012/C	5m	4.8W/m	3000K	120	562	117	
70012/F	5m	4.8W/m	6000K	120	629	131	
70012/N	5m	4.8W/m	4000K	120	629	131	

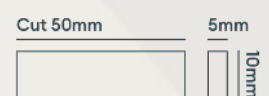
WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

7W

Ideal for accent lighting with 7W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

140 LEDs/m

Ideal for High-End Residential, Hospitality Spaces & Retail Displays

Cut intervals every 50mm

8mm width, compatible with all profiles



70042

7W/m, IP20, 24V current regulated, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
Input	24V DC
LED Life	70 45,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70042/2700K	5m	7W/m	2700K	120	945	135	
70042/90/2700K	5m	7W/m	2700K	120	837	120	
70042/90/C	5m	7W/m	3000K	120	837	120	
70042/90/N	5m	7W/m	4000K	120	920	131	
70042/C	5m	7W/m	3000K	120	994	142	
70042/F	5m	7W/m	6000K	120	1113	159	
70042/N	5m	7W/m	4000K	120	1113	159	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

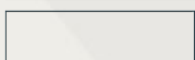
See Pages 460-461 to choose driver option

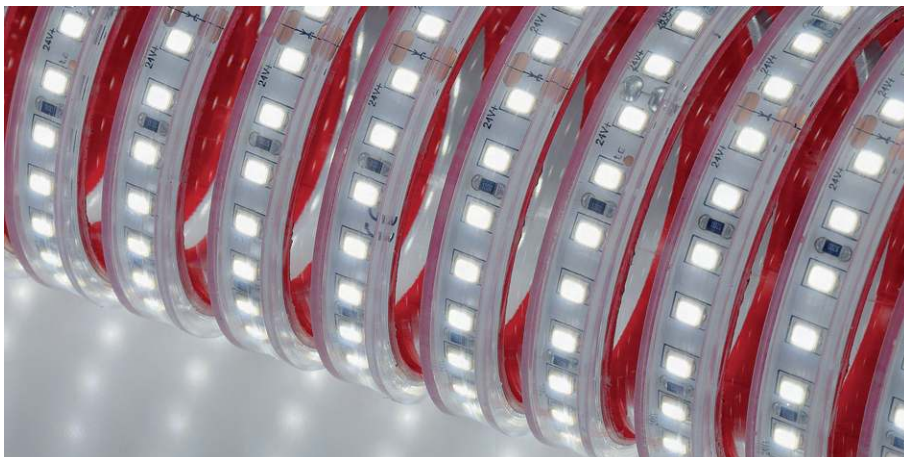
ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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Cut 50mm

1.2mm





- 7W** Ideal for accent lighting with 7W/m
- IP67** Ideal for wet environments with IP67 rating
-  Quick and easy installation with self-adhesive backing

GUARANTEE
5 years

BENEFITS
140 LEDs/m
Ideal for High-End Residential, Hospitality Spaces & Retail Displays
Cut intervals every 50mm
10mm width

70052

7W/m, IP67, 24V current regulated, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Bespoke Lengths	Yes	Ambient Temperature	-20-40°C
Self Adhesive Backing	Yes	Electric Class	III
Dimmable	Optional	Constant Voltage	Yes
Input	24V DC		
LED Life	70 45,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70052/2700K	5m	7W/m	2700K	120	945	135	
70052/90/2700K	5m	7W/m	2700K	120	837	120	
70052/90/C	5m	7W/m	3000K	120	837	120	
70052/90/N	5m	7W/m	4000K	120	920	131	
70052/C	5m	7W/m	3000K	120	994	142	
70052/F	5m	7W/m	6000K	120	1113	159	
70052/N	5m	7W/m	4000K	120	1113	159	

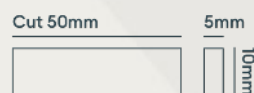
WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

11W

Ideal for accent lighting with 11W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

High efficacy up to 190lm/W providing excellent energy savings

238 LEDs/m providing high uniformity

Ideal for High-End Residential, Office & Commercial Spaces

Cut intervals every 29.4mm

10mm width



70092

11W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Input	24V DC
LED Life	L70 45,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70092/2700K	5m	11W/m	2700K	120	1569	143	
70092/90/2700K	5m	11W/m	2700K	120	1904	173	
70092/90/C	5m	11W/m	3000K	120	1904	173	
70092/90/N	5m	11W/m	4000K	120	2094	190	
70092/C	5m	11W/m	3000K	120	1652	150	
70092/F	5m	11W/m	6000K	120	1850	168	
70092/N	5m	11W/m	4000K	120	1850	168	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 460-461 to choose driver option

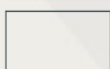
ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted
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132

Cut 29.4mm

1.2mm





- 11W** Ideal for accent lighting with 11W/m
- IP67** Ideal for wet environments with IP67 rating
- Quick and easy installation with self-adhesive backing

GUARANTEE
5 years

BENEFITS
 High efficacy up to 190lm/W providing excellent energy savings
 238 LEDs/m providing high uniformity
 Ideal for High-End Residential, Office & Commercial Spaces
 Cut intervals every 29.4mm
 12mm width

70102

11W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	None		
LED/m	238		
Input	24V DC		
LED Life	L70 45,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70102/2700K	5m	11W/m	2700K	120	1569	143	
70102/90/2700K	5m	11W/m	2700K	120	1904	173	
70102/90/C	5m	11W/m	3000K	120	1904	173	
70102/90/N	5m	11W/m	4000K	120	2094	190	
70102/C	5m	11W/m	3000K	120	1652	150	
70102/F	5m	11W/m	6000K	120	1850	168	
70102/N	5m	11W/m	4000K	120	1850	178	

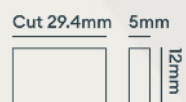
WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

11W

Ideal for accent lighting with 11W/m

IP65

Ideal for wet environments with IP65 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

3 years

BENEFITS

230V long run solution for up to 50m from a single power supply

140 LEDs/m

Ideal for Hospitality Spaces, Hotel Receptions & Corridors, Building Façades, Large Gardens & Maintenance Areas

Cut intervals every 100mm

12mm width



70220

11W/m, IP65, 230V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP65
Colour Flexibility	Single CCT
Bespoke Lengths	No
Self Adhesive Backing	Yes
Dimmable	Mains (Leading Edge/ Trailing Edge)
LED/m	140
Input	220-240V AC
LED Life	L70 B50 50,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape with Silicone Coating
Maximum Running Length	50m
Ambient Temperature	-20-40°C
Electric Class	II

PHOTOMETRICS @ 25°C

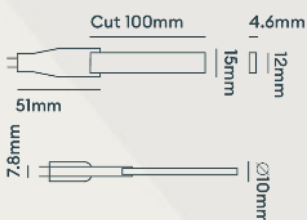
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70220/C/05	5m	11W/m	3000K	120	1073	98	A B F
70220/C/20	20m	11W/m	3000K	120	1073	98	A B F
70220/C/50	50m	11W/m	3000K	120	1073	98	A B F
70220/N/05	5m	11W/m	4000K	120	1157	105	A B E
70220/N/20	20m	11W/m	4000K	120	1157	105	A B E
70220/N/50	50m	11W/m	4000K	120	1157	105	A B E

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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- 18W** Ideal for primary light with 18W/m
- IP65** Ideal for wet environments with IP65 rating
-  Quick and easy installation with self-adhesive backing

GUARANTEE
3 years







BENEFITS
230V long run solution for up to 50m from a single power supply
140 LEDs/m
Ideal for Hospitality Spaces, Hotel Receptions & Corridors, Building Façades, Large Gardens & Maintenance Areas
Cut intervals every 100mm
12mm width

70230

18W/m, IP65, 230V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP65	Maximum Running Length	50m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	No	Electric Class	II
Self Adhesive Backing	Yes		
Dimmable	Mains (Leading Edge/ Trailing Edge)		
LED/m	140		
Input	220-240V AC		
LED Life	L70 B50 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70230/C/05	5m	18W/m	3000K	120	1552	86	
70230/C/20	20m	18W/m	3000K	120	1552	86	
70230/C/50	50m	18W/m	3000K	120	1552	86	
70230/N/05	5m	18W/m	4000K	120	1690	94	
70230/N/20	20m	18W/m	4000K	120	1690	94	
70230/N/50	50m	18W/m	4000K	120	1690	94	

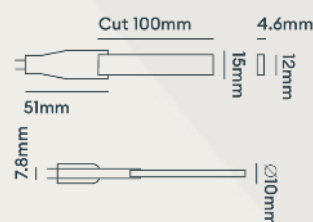
WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

9.6W

Ideal for atmospheric light with 9.6W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 71.4mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



FL01

9.6W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	84		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL01/C	5m	9.6W	3000K	110	276	29	
FL01/F	5m	9.6W	6000K	110	276	29	
FL01/N	5m	9.6W	4000K	110	276	29	

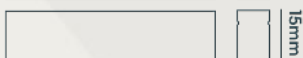
WIRING INFORMATION	
Type Of Wiring Required	Parallel

COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted

Cut 71.4mm

10mm





FL02

11.5W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	120		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL02/C	5m	11.5W	3000K	110	345	30	
FL02/F	5m	11.5W	6000K	110	345	30	
FL02/N	5m	11.5W	4000K	110	345	30	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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11.5W

Ideal for accent lighting with 11.5W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

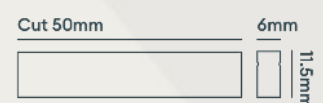
BENEFITS

Flexible neon strip solution

Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



STRIP LIGHTS

14.4W

Ideal for accent lighting with 14.4W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



FL03

14.4W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Top bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	140		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL03/C	5m	14.4W	3000K	150	996	69	
FL03/F	5m	14.4W	6000K	150	996	69	
FL03/N	5m	14.4W	4000K	150	996	69	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted

132

Cut 50mm

10mm





FL04

11.5W/m, IP66, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP66	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	180		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL04/C	5m	11.5W	3000K	120	875	76	
FL04/F	5m	11.5W	6000K	120	875	76	
FL04/N	5m	11.5W	4000K	120	875	76	


WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted

132

11.5W Ideal for accent lighting with 11.5W/m

IP66 Ideal for wet environments with IP66 rating

 Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



STRIP LIGHTS

11.5W

Ideal for accent lighting with 11.5W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



FL05

11.5W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	120		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL05/C	5m	11.5W	3000K	170	402	35	
FL05/F	5m	11.5W	6000K	170	402	35	
FL05/N	5m	11.5W	4000K	170	402	35	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted

Cut 50mm

10mm





FL05/RGB

11.5W/m, RGB, IP67, 24V, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	RGB	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	60		
Input	24V DC		
LED Life	L70 50,000h		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W
FL05/RGB	5m	11.5W	Red	120	1380	120
			Green		1380	
			Blue			

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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RGB for decorative use



Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

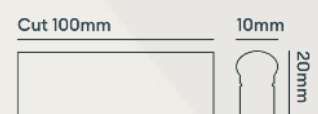
3 years

BENEFITS

Ideal for accent lighting with 11.5W/m

Neon RGB strip solution

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases



STRIP LIGHTS

10W

Ideal for accent lighting with 10W/m

IP65

Ideal for wet environments with IP65 rating

100lm/W⁺

High efficacy up to 110lm/W

GUARANTEE

3 years

BENEFITS

Neon strip flexible in any direction

48V for up to 15m with a single power supply

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without an aluminum profile



FL3D48

10W/m, IP65, 48V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP65	Maximum Running Length	15m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	210		
Input	48V DC		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL3D48/C	15m	10W/m	3000K	120	1001	100	
FL3D48/N	15m	10W/m	4000K	120	1100	110	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

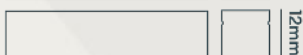
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted **132**

Cut 70mm

12mm





- 14.5W** Ideal for primary light with 14.5W/m
- IP65** Ideal for wet environments with IP65 rating
- 117lm/W** High efficacy up to 117lm/W

GUARANTEE
3 years

BENEFITS
Flexible neon strip solution
230V for up to 20m without power supply
Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases
Installable without aluminum profile
Flicker-free

FL230

14.5W/m, IP65, 230V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Top bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP65	Maximum Running Length	20m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	II
Self Adhesive Backing	No		
Dimmable	Mains (Leading Edge/ Trailing Edge)		
LED/m	168		
Input	220-240V AC		
LED Life	L70 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

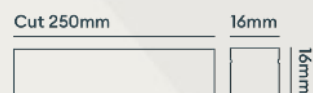
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W
FL230/2700K/05	5m	14.5W/m	2700K	120	1100	80
FL230/2700K/20	20m	14.5W/m	2700K	120	1100	80
FL230/C/05	5m	14.5W/m	3000K	120	1100	117
FL230/C/20	20m	14.5W/m	3000K	120	1100	117
FL230/N/05	5m	14.5W/m	4000K	120	1200	86
FL230/N/20	20m	14.5W/m	4000K	120	1200	86

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

9.5W

Ideal for accent lighting with 9.5W/m

IP65

Ideal for wet environments with IP65 rating



Dotless LED strip

GUARANTEE

3 years

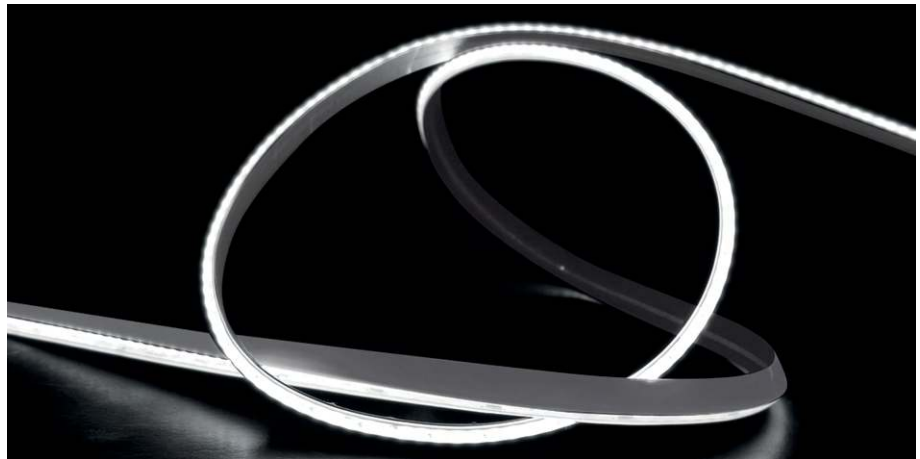
BENEFITS

Flexible neon strip solution

35° light emission

Ideal for functional and discreet lighting under cabinets

Complete with 3M double-sided tape for free-standing installation



FL35

9.5W/m, IP65, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP65	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	168		
Input	24V DC		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C						
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W
FL35/C	5m	9.5 W/m	3000K	100	780	82
FL35/N	5m	9.5 W/m	4000K	100	800	84

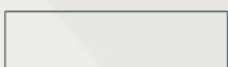
WIRING INFORMATION	
Type Of Wiring Required	Parallel

COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted

Cut 41.6mm

5.6mm





- 12.5W Ideal for primary lighting with 12.5W/m
- IP20 Ideal for Living spaces, Staircases & Kitchens with IP20 rating
- ||| COB strip providing a dot-free appearance

80390

12.5W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape
IP Rating	IP20	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
LED/m	528		
Input	24V DC		
LED Life	L70 36,000h		
CRI	CRI>90		
SDCM	SDCM3		

GUARANTEE

5 years

BENEFITS

- Quick and easy installation with self-adhesive backing
- High efficacy up to 145lm/W
- 528 LEDs/m providing high visual uniformity
- Cut intervals every 45.4mm
- 10mm width

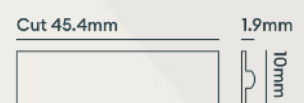
PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80390/90/C	5m	12.5W/m	3000K	140	1662	133	
80390/90/N	5m	12.5W/m	4000K	140	1816	145	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted

132



STRIP LIGHTS

11W

Ideal for accent lighting with 11W/m

IP20

Ideal for Hospitality Spaces, Hotel Receptions & Corridors with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

48V long run solution for up to 20m with a single power supply

High efficacy up to 192lm/W

234 LEDs/m providing high uniformity

Cut intervals every 62.5mm

10mm width



48092

11W/m, IP20, 48V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	224
Input	48V DC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	20m
Ambient Temperature	-20-45°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
48092/2700K/10	10m	11W/m	2700K	120	1994	181	
48092/2700K/20	20m	11W/m	2700K	120	1994	181	
48092/90/C/10	10m	11W/m	3000K	120	1620	147	
48092/90/C/20	20m	11W/m	3000K	120	1620	147	
48092/90/N/10	10m	11W/m	4000K	120	1655	150	
48092/90/N/20	20m	11W/m	4000K	120	1655	150	
48092/C/10	10m	11W/m	3000K	120	1994	181	
48092/C/20	20m	11W/m	3000K	120	1994	181	
48092/N/10	10m	11W/m	4000K	120	2113	192	
48092/N/20	20m	11W/m	4000K	120	2113	192	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

See Pages 460-461 to choose driver option

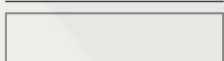
ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted

132

Cut 62.5mm

1.2mm





- 11W Ideal for accent lighting with 11W/m
- IP20 Ideal for Building Façades, Large Gardens & Maintenance Areas with IP67 rating
- Quick and easy installation with self-adhesive backing

48102

11W/m, IP20, 48V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Install Connector Type	Flying lead
IP Rating	IP67	Construction Material	Flexible Tape with Silicone Coating
Colour Flexibility	Single CCT	Maximum Running Length	20m
Bespoke Lengths	Yes	Ambient Temperature	-20-40°C
Self Adhesive Backing	Yes	Electric Class	III
Dimmable	Optional	Constant Voltage	Yes
Input	48V DC		
LED Life	L70 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

GUARANTEE

5 years

- BENEFITS**
- 48V long run solution for up to 20m with a single power supply
 - High efficacy up to 192lm/W
 - 234 LEDs/m providing high uniformity
 - Cut intervals every 62.5mm
 - 10mm width

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
48102/2700K/10	10m	11W/m	2700K	120	1994	181	
48102/2700K/20	20m	11W/m	2700K	120	1994	181	
48102/90/C/10	10m	11W/m	3000K	120	1620	147	
48102/90/C/20	20m	11W/m	3000K	120	1620	147	
48102/90/N/10	10m	11W/m	4000K	120	1655	150	
48102/90/N/20	20m	11W/m	4000K	120	1655	150	
48102/C/10	10m	11W/m	3000K	120	1994	181	
48102/C/20	20m	11W/m	3000K	120	1994	181	
48102/N/10	10m	11W/m	4000K	120	2113	192	
48102/N/20	20m	11W/m	4000K	120	2113	192	

WIRING INFORMATION

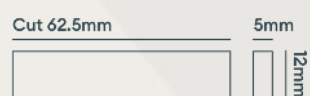
Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

14W

Ideal for primary lighting with 14W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

238 LEDs/m providing high uniformity

Ideal for Restaurants, Kitchens, Bars, Reception Areas, Meeting Rooms, Offices & Art Displays

10mm width



80300

14W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	238
Input	24V DC
LED Life	L70 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-45°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80300/90/2700K	5m	14W/m	2700K	120	1960	140	
80300/90/C	5m	14W/m	3000K	120	1960	140	
80300/90/N	5m	14W/m	4000K	120	2159	154	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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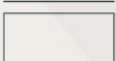
COMPATIBLE DRIVERS

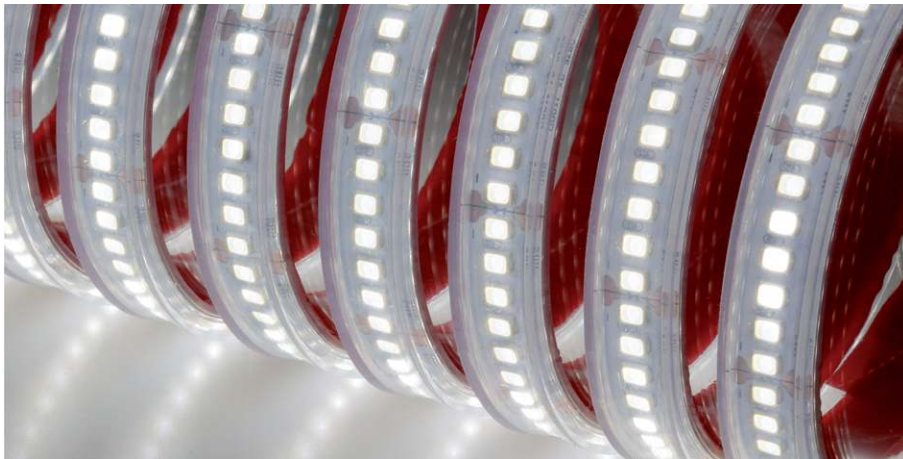
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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Cut 29.4mm 1.2mm





- 14W** Ideal for primary lighting with 14W/m
- IP67** Ideal for wet environments with IP67 rating
-  Quick and easy installation with self-adhesive backing

80310

14W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
LED/m	238		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

GUARANTEE

5 years

BENEFITS

- High efficacy up to 154lm/W
- 238 LEDs/m providing high uniformity
- Ideal for Leisure Spaces & Gardens
- 12mm width

PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80310/90/2700K	5m	14W/m	2700K	120	1960	140	
80310/90/C	5m	14W/m	3000K	120	1960	140	
80310/90/N	5m	14W/m	4000K	120	2159	154	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES
LED Strip Profile Chose from angled, recessed & surface mounted



STRIP LIGHTS

19W

Ideal for primary lighting with 19.2W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

128 LEDs/m

Ideal for Ceiling Troffers in Office Lighting & Retail

Cut intervals every 62.5mm

12mm width



80340

19.2W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	128
Input	24V DC
LED Life	L70 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80340/90/2700K	5m	19.2W/m	2700K	120	2800	146	
80340/90/C	5m	19.2W/m	3000K	120	2800	146	
80340/90/N	5m	19.2W/m	4000K	120	3037	158	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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- 19W** Ideal for primary lighting with 19.2W/m
- IP67** Ideal for wet environments with IP67 rating
-  Quick and easy installation with self-adhesive backing

80350




19.2W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
LED/m	128		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

GUARANTEE
5 years

BENEFITS
128 LEDs/m
Ideal for Ceiling Troffers in Office Lighting & Retail
Cut intervals every 62.5mm
14mm width

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80350/90/2700K	5m	19.2W/m	2700K	120	2800	146	
80350/90/C	5m	19.2W/m	3000K	120	2800	146	
80350/90/N	5m	19.2W/m	4000K	120	3037	158	

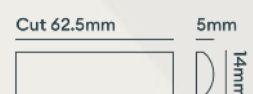
WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
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STRIP LIGHTS

25W

Ideal for primary lighting with 25W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

High efficacy up to 148lm/W

238 LEDs/m providing high uniformity

Ideal for Ceiling Troffers in Office Lighting & Retail

Cut intervals every 29.4mm

10mm width



80360

25W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	238
Input	24V DC
LED Life	L70 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80360/90/2700K	5m	25W/m	2700K	120	3082	123	
80360/90/C	5m	25W/m	3000K	120	3090	124	
80360/90/N	5m	25W/m	4000K	120	3698	148	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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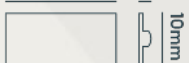
COMPATIBLE DRIVERS

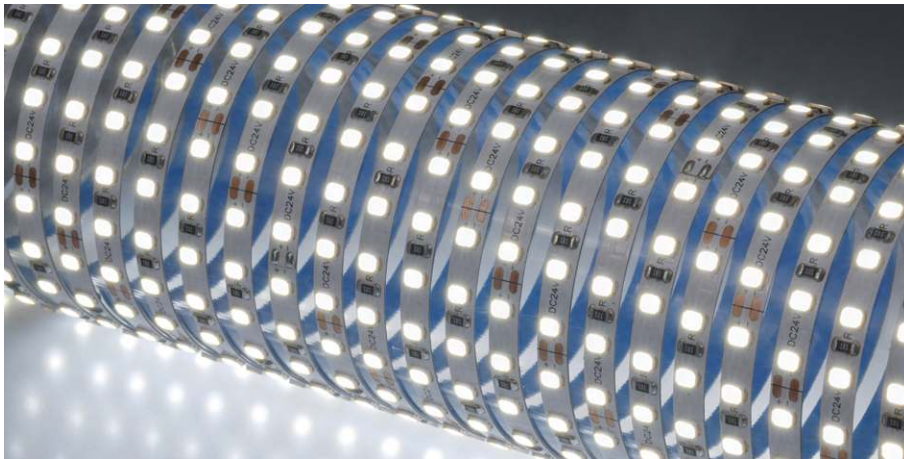
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
--------------------------	---	------------

Cut 29.4mm 1.2mm





- 10W** Ideal for primary lighting with 10W/m
- IP20** Ideal for living room and hallways with IP20 rating
-  Quick and easy installation with self-adhesive backing

GUARANTEE
5 years

- BENEFITS**
- Accent lighting solution
 - 120 LEDs/m
 - Ideal for Ceiling Troffers in Office Lighting & Retail
 - Cut intervals every 50mm
 - Narrow 5mm width

80200

10W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape
IP Rating	IP20	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80200/C	5m	10W/m	3000K	120	1178	118	
80200/F	5m	10W/m	5000K	120	1353	135	
80200/N	5m	10W/m	4000K	120	1265	127	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
--------------------------	---	------------



STRIP LIGHTS

15W

Ideal for primary lighting with 15W/m

IP20

Ideal for living room and hallways with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

High efficacy up to 196lm/W

Double width I60+I60 LEDs/m for high visual uniformity

Ideal for High Uniformity in Office Lighting & Retail

Cut intervals every 50mm

18mm width

High efficacy



80160

15W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
Input	24V DC
LED Life	L70 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	lm	Lm/W	Energy
80160/90/2700K	5m	15W/m	2700K	2752	183	
80160/90/C	5m	15W/m	3000K	2752	183	
80160/90/N	5m	15W/m	4000K	2942	196	

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

COMPATIBLE DRIVERS

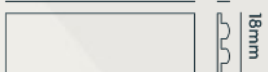
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
--------------------------	---	------------

Cut 50mm

1.3mm





STRIP LIGHTS

11W

Ideal for accent lighting with 11W/m

IP20

Ideal for Living spaces, Staircases & Kitchens with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

2 years

BENEFITS

High efficacy up to 128lm/W

MCOB strip providing a white dot-free appearance even when switched off

480 LEDs/m providing high visual uniformity

Cut intervals every 50mm

8mm width, compatible with all profiles



MC20

11W/m, IP20, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP20
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	480
Input	24V DC
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
MC20/11/C	5m	11W/m	3000K	145	1250	114	
MC20/11/N	5m	11W/m	4000K	145	1410	128	

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

COMPATIBLE DRIVERS

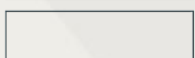
See Pages 460-461 to choose driver option

ACCESSORIES


LED Strip Profile	Chose from angled, recessed & surface mounted	132
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Cut 50mm

2.9mm





- 11W** Ideal for accent lighting with 11W/m
- IP66** Ideal for Bathrooms, Decking, Patios & Landscaping with IP66/IP67 rating
-  Quick and easy installation with self-adhesive backing

GUARANTEE
5 years



BENEFITS
High efficacy up to 128lm/W
MCOB strip providing a white dot-free appearance even when switched off
480 LEDs/m providing high visual uniformity
Cut intervals every 50mm
8mm width, compatible with all profiles

MC67

11W/m, IP66/67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP66/IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	Yes	Electric Class	II
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
LED/m	480		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
MC67/11/C	5m	11W/m	3000K	120	1250	114	
MC67/11/N	5m	11W/m	4000K	120	1410	128	

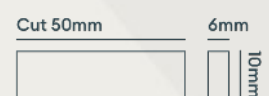
WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

COMPATIBLE DRIVERS
See Pages 460-461 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	132
--------------------------	---	------------



LANDSCAPE



ADDING DEPTH TO LANDSCAPES

Landscape Lighting

INCORPORATING LIGHTING INTO LANDSCAPE DESIGN

To amplify the quality of a landscape, lighting should be incorporated into the design. When it comes to landscape lighting, three key areas should be considered; functional areas, feature areas and entertainment areas. If consideration is taken for these, landscapes will have added depth and can really be brought to life.

Low-level decorative lighting

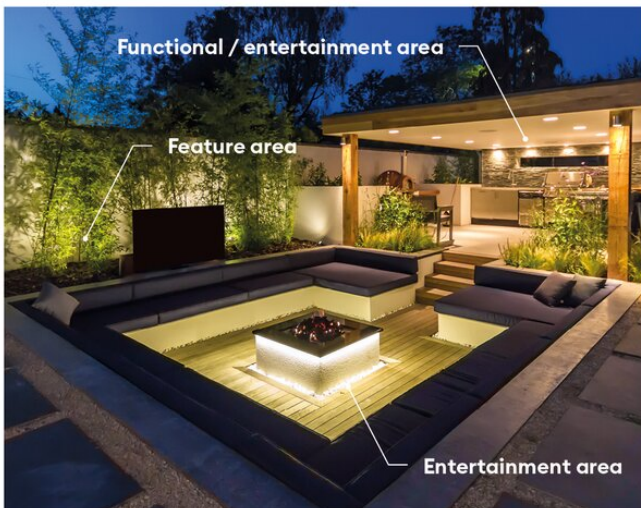
The correct lighting should be considered when illumination is required for a certain task, such as visibility or circulation. Pathways and storage areas usually require functional lighting but can be used as a layer of light that contributes to the overall landscape.

Feature areas

Sculptures, ponds and interesting plant life can form distinct features in a landscape design, but may be lost at night. Consider the most appropriate way to light them to ensure they become the focal point in a landscape.

Entertainment areas

Lighting in this area should be used to create ambience as it often becomes the most used area in a landscape. As such, it is a good idea to consider lighting at the start of the design. This can be further enhanced through the use of controls.



MAXIMISING MATERIALS

Importance of colour temperature

Accentuating the materials in a landscape can be achieved by selecting a colour temperature that enhances the colour of the material being highlighted.

Wood / sand

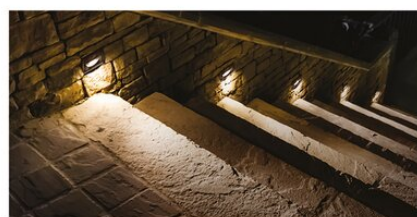
Warmer tones found in materials such as these would be complimented by a colour temperature of 2200K - 3000K.

Stone

For featuring the natural components of stone, a colour temperature of 2700K - 3000K will be most suitable.

Whites

For white materials, such as painted brick or furniture, choose 4000K to emphasise the tones.



FINISHES

The use of black, antique brass and bronze finishes are a popular trend with landscape lighting designers, and to accommodate this development we have just extended our offering to include even more varieties.

Black ground lights tap into the latest monochrome interior design trends. These ground lights are for decorative lit effects and ideal for placement on perimeters because they're not suitable for being walked or driven over.

Another design trend is for the use of warmer materials and body colours, such as antique brass and bronze. These finishes are particularly used in exterior spaces, alongside red, orange and brown hues, which are commonly found in wood, brick and stone.

SWITCHABLE DRIVERS

Drivers designed for the ultimate flexibility. Turn any landscape product into a lumen switchable product via on-board dip switches, giving you the freedom during installation to achieve the perfect output for your garden design.

Non dimmable output:

150mA - 250mA - 350mA
500mA - 700mA

DRV150700



Triac dimmable output:

350mA - 500mA - 700mA

DRV350700TD



ATMOSPHERE

The correct colour temperature is paramount for the choice of material you wish to highlight and the atmosphere you wish to create. Landscape designs are easily transformed by the correct colour temperature.

2200K



2700K



3000K



4000K



FLOOD VS SPOT

Choose the ideal beam angle to achieve the effect that you need.

Flood

Wash light over an area with a wider beam angle.



Spot

Concentrated beam of light with a narrower beam angle.



Textured surfaces vs. flat surfaces

When choosing a light fitting, it is imperative to consider the surface that the light will be used on. At this stage, it is a great opportunity to bring the materials to life and compliment the landscape design.

Textured surface

Use a spot, close to the surface, to graze light over the surface, highlighting the texture and adding depth to the surface.



Flat surfaces

Use a flood to wash light over the surface, highlighting the clean nature of the surface/design.



ENVIRONMENTAL CONSIDERATIONS

Landscape Lighting

INCORPORATING LIGHTING INTO LANDSCAPE DESIGN

Considerate lighting schemes reduce impacts on nocturnal animals

It is important to minimise any effects lighting has on nocturnal animals and insects such as bats, owls and moths. It is very important that bats specifically are taken into account when considering the need to light an area if they are known or suspected to use the area.

The amount of upwards light, and in particular blue light content, can impact them for many reasons, like survival and growth rates. Bats in the UK feed on insects and this missed opportunity can have a serious impact on them if they are missing the peak time of insect abundance (just after dusk). Other effects it can have is bats/wildlife being abandoned or becoming entombed in the roost, so when the entrance is lit up to the roost, they will be less inclined to leave their roosts in these conditions.

A range of low glare products as such as bollards, ground lights, spike lights and lighting controls to help support with illuminating areas.

Products available in 2200K keep blue light content to a minimum. Bollards, such as the black coated range are available in various sizes and with the low glare it has minimum up spill of lighting, making it suitable for areas where nocturnal animals such as bats, and any other wildlife that are affected by lighting.

The mini domed ground lights, GL100 and GL200 give out concentrated light sideways, so you can still illuminate a path for easy navigation and safety, whilst still protecting the environment from light pollution.

Control systems can offer various functions such as putting the lights on a timer or a sensor, so it is only used when needed.



PATENTED UNDERWATER TECHNOLOGY

IP68 rated lights are completely air tight and can be used underwater. Patented technology, unique to Collingwood, prevents water ingress from the back of the light, where the cable enters the product.

When designing a pond area, ensure that you are using IP68 rated products.

Our IP68 rated ground lights can withstand 1 bar pressure, meaning it can be installed up to a depth of 10 metres.



COASTAL AND POOL AREAS

Material choice

Our landscape products are trusted by lighting specifiers and installers alike. This is thanks to superior product engineering and the use of durable and high-quality materials, including marine-grade stainless steel 316 and anodised aluminium.

Stainless steel 316

Unlike stainless steel 304, the 316 version has a higher resistance to corrosion meaning it is an excellent choice for coastal areas where the water and air contain high concentration levels of salt, and for around swimming pools where there is exposure to chlorine. Not only this, but the material is very durable against wear and tear, particularly important for products recessed in walkways and driveways. Our products go through vigorous salt mist testing to ensure they are corrosion resistant.

Anodised Aluminium

This electrochemical process increases the thickness of the natural oxide layer on the surface of the aluminium, so the colour becomes part of the material itself. This has benefits over the more commonly seen powder coated alternative because it will not fade, peel or flake, and maintains some of its metallic appearance. Anodised aluminium is also resistant to corrosion and scratches, but it is a softer metal compared to stainless steel 316 so should be considered based on the light fitting's intended install location. Anodising is one of the most durable surface finishes available, as well as beautiful.

As with all light fittings, both the light and the product will maintain a high-quality appearance if they are installed correctly and are regularly wiped clean with a soft, damp cloth.



MADE TO ORDER

Landscape Lighting

CONFIGURATE THE PERFECT LANDSCAPE LIGHTING FOR YOUR PROJECT

Our landscape range is constructed bespoke to your orders specifications. Simply choose from the options below to configure your landscape products.

FINISH / MATERIAL

Antique Brass



Black



Bronze



Stainless Steel 316



SHAPE (GROUND LIGHTS ONLY)

Round



Square



BEAM ANGLE

Spot



Flood



Product	Finish / Material				Shape (Ground Lights Only)		Beam Angle	
	Antique Brass	Black	Bronze	Stainless Steel 316	Round	Square	Spot	Flood
GL016	●	●	●	●	●	●	●	●
GL019	●	●	●	●	●	●	●	●
GL034	●	●	●	●	●	X	X	X
GL038	●	●	●	●	●	X	●	●
GL040	●	●	●	●	●	●	●	●
GL100	●	●	●	●	●	X	X	X
SL220	●	●	●	●	X	X	●	●
UL010	●	●	●	●	X	X	●	●
UL030	●	●	●	●	X	X	●	●
WL220	●	●	●	●	X	X	●	●

LIT EFFECT

Clear Glass



Frosted Glass



Honeycomb Low-Glare



Half Moon Glass



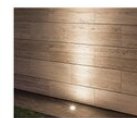
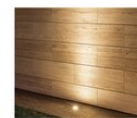
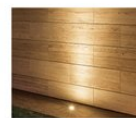
COLOUR TEMPERATURE (CCT)

2200K

2700K

3000K

4000K



Lit Effect				Colour Temperature (CCT)				Low Voltage Option	Comes with Tube (Ground Lights Only)
Clear Glass	Frosted Glass	Honeycomb Low-Glare	Half Moon Glass	2200K	2700K	3000K	4000K		
●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●
●	✗	✗	✗	●	●	●	●	●	●
●	✗	✗	✗	●	●	●	●	●	●
●	●	●	●	●	●	●	●	✗	●
✗	✗	✗	✗	●	●	●	●	✗	●
✗	✗	✗	✗	●	●	●	●	●	✗
✗	✗	✗	✗	●	●	●	●	●	✗
✗	✗	✗	✗	●	●	●	●	●	✗
✗	✗	✗	✗	●	●	●	●	✗	✗

WALL LIGHT



WALL LIGHTS

To Create Secure And Adventurous Spaces

CHOOSE YOUR EFFECT AND HOW TO CREATE IT

Highlight architecture or illuminate an entrance with Collingwood wall lights. The images below illustrate how your choice of lighting creates different effects.

Choose your effect:



WL070

This up / down light produces a narrow and concentrated beam of light up and downwards. This is used most effectively in situations where there is a great deal of height to fully appreciate the effect of the columns of light.

As a result, these fittings are great for framing doors and windows.



WL075

The narrow and intense beam of light from this fitting will enhance the texture of the surface upon which it is mounted. This product works well on uneven stone and provides plenty of contrast between areas of light and shade.



WL060

This fitting provides a diffused decorative light from its top and a broad spread of down light which will light the threshold of a doorway. This fitting will also ensure both comfort and safety are accommodated in addition to highlighting any decorative planting positioned below.



PREMIUM FINISHES

Available in a range of stylish finishes such as anodised aluminium and antique brass, our powerful WL220 wall lights also sport an attractive single point source LED, maximising the look and feel of the luminaires without compromising on performance. Alongside our ultra-premium solid brass finish, we've updated our range to include stainless steel 316 and anodised bronze, giving you even more choice when designing your installation.



FRAMING VS FEATURE LIGHTING

With several styles and finishes available, we have the solution that creates the perfect lighting effect for your installation. Types of light effects to consider are:

Wall grazing



Directional



Decorative





WL012

This fitting provides a broad spread of light from the diffused window design. This makes it suitable for general illumination for entrance areas.

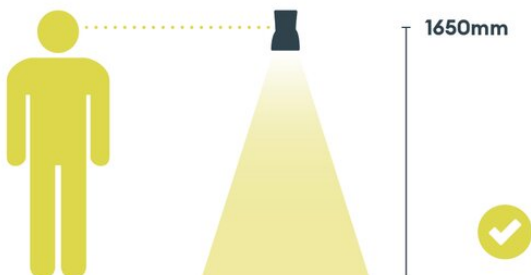


MADE TO ORDER

		WL220
Finish / Material	Antique Brass	●
	Black	●
	Bronze	●
	Stainless Steel	●
Beam Angle	Spot	●
	Flood	●
Lit Effect	Clear Glass	●
	Frosted Glass	●
	Honeycomb Low-Glare	●
	Half Moon Glass	●
CCT	2200K	●
	2700K	●
	3000K	●
	4000K	●
Low Voltage Option		X

HEIGHT OF WALL LIGHTS

A general rule of choosing the correct height and position for wall lights is 1650mm from floor or ground level (eye level to a person of 5ft 8in height.)



LIGHT POSITIONING

To avoid hot spots when using up/down lights to frame doors and windows, ensure that they are not positioned too closely to the ceiling or other horizontal surfaces.



WALL LIGHT

5.1W 5.1W

 Coastal protected

IP65 IP65 ideal for outdoor environments

GUARANTEE

7 years

BENEFITS

Single LED and lens combination for maximum efficiency and optimal light distribution.

Ideal for framing entrances and illuminating columns with its bi-directional lights

Anodised Aluminium is sleek and durable

Long lifetime of 70,000hrs

Mains voltage wall light



WL070

Straight to mains, high output LED wall light





FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	2
Inrush Current	60A 0.037ms
Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	40°C
SELV	Yes
Mounting Options	Wall
Electric Class	I
Earth Leakage	0.1mA

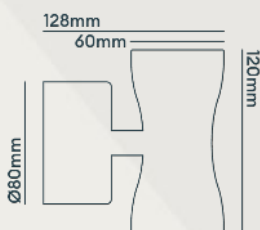
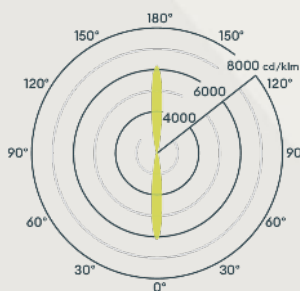
PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL070BNBM27	Black	5.1W	2700K	12	510 / 255	100	
WL070BNBM30	Black	5.1W	3000K	12	550 / 275	108	
WL070SNBM27	Silver	5.1W	2700K	12	510 / 255	100	
WL070SNBM30	Silver	5.1W	3000K	12	550 / 275	108	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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BEAM (°): 12





WL075

Straight to mains, high output LED wall light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Bathroom Zone	2
Colour Flexibility	Single CCT	Inrush Current	60A 0.037ms
Tilt Angle (°)	Fixed	Construction Material	Anodised Aluminium
Sensor	None	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	40°C
Input	220-240V AC	SELV	Yes
LED Life	L70 70,000h	Mounting Options	Wall
CRI	CRi>80	Electric Class	I
SDCM	SDCM3	Earth Leakage	0.1mA
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL075BNBM27	Black	5.7W	2700K	110	515	90	
WL075BNBM30	Black	5.7W	3000K	110	520	91	
WL075SNBM27	Silver	5.7W	2700K	110	515	90	
WL075SNBM30	Silver	5.7W	3000K	110	520	91	
WL075ZNBM27	Bronze	5.7W	2700K	110	515	90	
WL075ZNBM30	Bronze	5.7W	3000K	110	520	91	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

5.7W

5.7W



Coastal protected

IP65

IP65 ideal for outdoor environments

GUARANTEE

7 years

BENEFITS

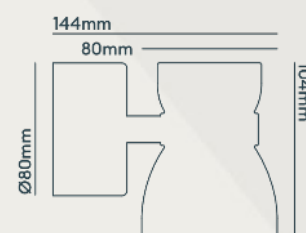
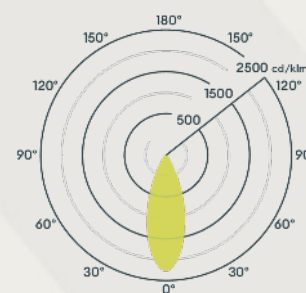
Single LED and lens combination for maximum efficiency and optimal light distribution.

Straight to mains wall light, perfect for framing entrances and illuminating columns

Anodised Aluminium is sleek and durable

Long lifetime of 70,000hrs

BEAM (°): 110








5.7W 5.7W

 Coastal protected

 Adjustable LED fitting
330°

GUARANTEE
7 years

BENEFITS
Straight to mains
IP65 ideal for outdoor environments
Improved look and feel with single LED
Adjustable head allows for quick changes in direction light to suit any installation.
Available in an array of colours Antique Brass, Black, Bronze, Copper, and Stainless Steel

WL220

Straight to mains LED wall light

FEATURES	
IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	330
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3
Emergency Option	None

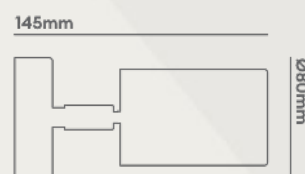
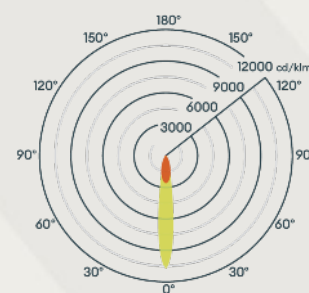
INSTALLATION INFORMATION	
Bathroom Zone	2
Inrush Current	0.07ms 5.2A
Construction Material	Stainless Steel
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
SELV	Yes
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
WL220SS22MF	5.7W	2200K	40	431	76	
WL220SS22MS	5.7W	2200K	12	431	76	
WL220SS27MF	5.7W	2700K	40	515	90	
WL220SS27MS	5.7W	2700K	12	515	90	
WL220SS30MF	5.7W	3000K	40	520	91	
WL220SS30MS	5.7W	3000K	12	520	91	
WL220SS40MF	5.7W	4000K	40	538	94	
WL220SS40MS	5.7W	4000K	12	538	94	

In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Important: AB finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

BEAM (°): 12, 40



WALL LIGHT

2,6W 2.6W



Coastal protected

IP65

IP65 ideal for outdoor environments

GUARANTEE

7 years

BENEFITS

Bi-directional wall light offering decorative halo effect and functional downward flood light

Complete with wall fixings and waterproof crimp connectors

Mains voltage wall light



WL060

WL060

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	2
Inrush Current	9A 0.8ms
Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	40°C
SELV	Yes
Mounting Options	Wall
Electric Class	I
Earth Leakage	0.1mA

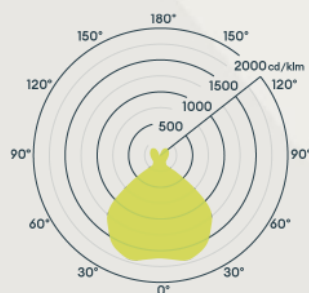
PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL060 NW	Silver	2.6W	4000K	120	82	32	
WL060 WW	Silver	2.6W	3000K	120	58	22	
WL160 27	Black	2.6W	2700K	120	56	22	
WL160 NW	Black	2.6W	4000K	120	82	32	
WL160 WW	Black	2.6W	3000K	120	58	22	

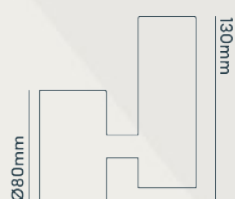
WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

BEAM (°): 120



115mm





WL012

IP54, 610lm straight to mains wall light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK04	Inrush Current	20A 0.5ms
IP Rating	IP54	Construction Material	Aluminium
Colour Flexibility	Single CCT	Suitable For Coastal Areas	No
Tilt Angle (°)	Fixed	Ambient Temperature	40°C
Sensor	None	SELV	Yes
Dimmable	None	Electric Class	I
Input	220-240V AC	Earth Leakage	0.1mA
LED Life	L70 30,000h		
CRI	CRI>80		
SDCM	SDCM5		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL012G30	Grey	11.0W	3000K	338	610	55	
WL012X30	Black	11.0W	3000K	338	610	55	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

11W

11W



Integral bracket for easy installation

IP54

IP54 ideal for framing doorways and entrances

GUARANTEE

5 years

BENEFITS

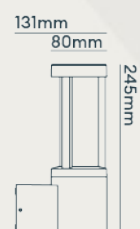
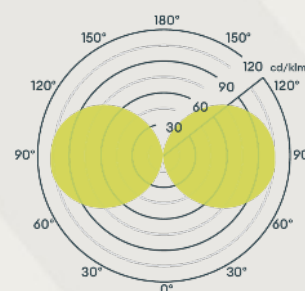
Straight to mains screw terminals

Durable powder coated aluminium in contemporary black or grey finish

Provides a good light level for safe navigation at night

Wide light distribution with 360° beam angle

BEAM (°): **338**



RESIDENTIAL FLOODLIGHT



RESIDENTIAL FLOODLIGHTS

Functional And Security Lighting

IP65 DIRECTIONAL PIR SENSOR

PIR sensor: Passive infrared sensor

The IP65 rating provides optimum protection against the impacts of rainwater and general adverse weather conditions. The PIR sensor can rotate, meaning that the activation can occur in a different area to where the floodlight illuminates. For example, the sensor could be pointed to a door so that when a person exits the building a separate walkway is illuminated, increasing safety.

Advantages

- IP65 rated sensor ideal for adverse weather conditions.
- Sensor rotates allowing the activation to occur in a different area to the illumination.
- Easily adjust motion sensitivity, lux levels and time required on the sensor.
- Save your customer energy and money.



COASTAL PROTECTION

Rust & salt mist protection

With corrosion resistant protection and coastal protective paint, our floodlights are perfect for use in coastal areas.

Advantages

- Feel confident you can install these floodlights anywhere.
- Can be installed into coastal areas without any worry of products failing.



QUICK & EASY INSTALLATION

Circular first fix bracket

The circular bracket is detachable and can be mounted to the surface before the rest of the product, allowing for a remarkably easy installation. The product is then simply bolted on to the bracket and the installation completed.

Advantages

- Quick & easy installation.
- This bracket is for first fixing onto the wall, and because it's circular, there is no need for spirit level.
- 360° rotation, allowing the floodlight to be installed in a variety of applications.
- Pre-wired with 1m cable.



360° ROTATABLE & 180° TILTABLE

Flexibility and reliability

Combining 360° rotation and 180° tilt, this light can be pointed in any direction, ensuring you can illuminate a space from any position.

360° rotation

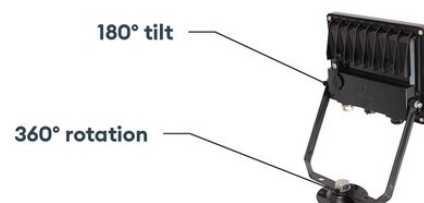
The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.

180° tiltable

The bracket directly attached to the floodlight allows the product to tilt both upwards and downwards.

Advantages

- Illuminate space from any direction.
- Can adjust into correct area after it's installed.



CCT SWITCHABLE

One light, three colour temperatures

Our range of colour switchable floodlights allows you to stock 3 colour temperatures in 1 product (3000K, 4000K & 6500K).

Advantages

- Simpler product range.
- Products can be easily adjusted after they are installed thanks to a convenient IP65 switch on the back.
- Always have the correct product on hand.

3000K



4000K

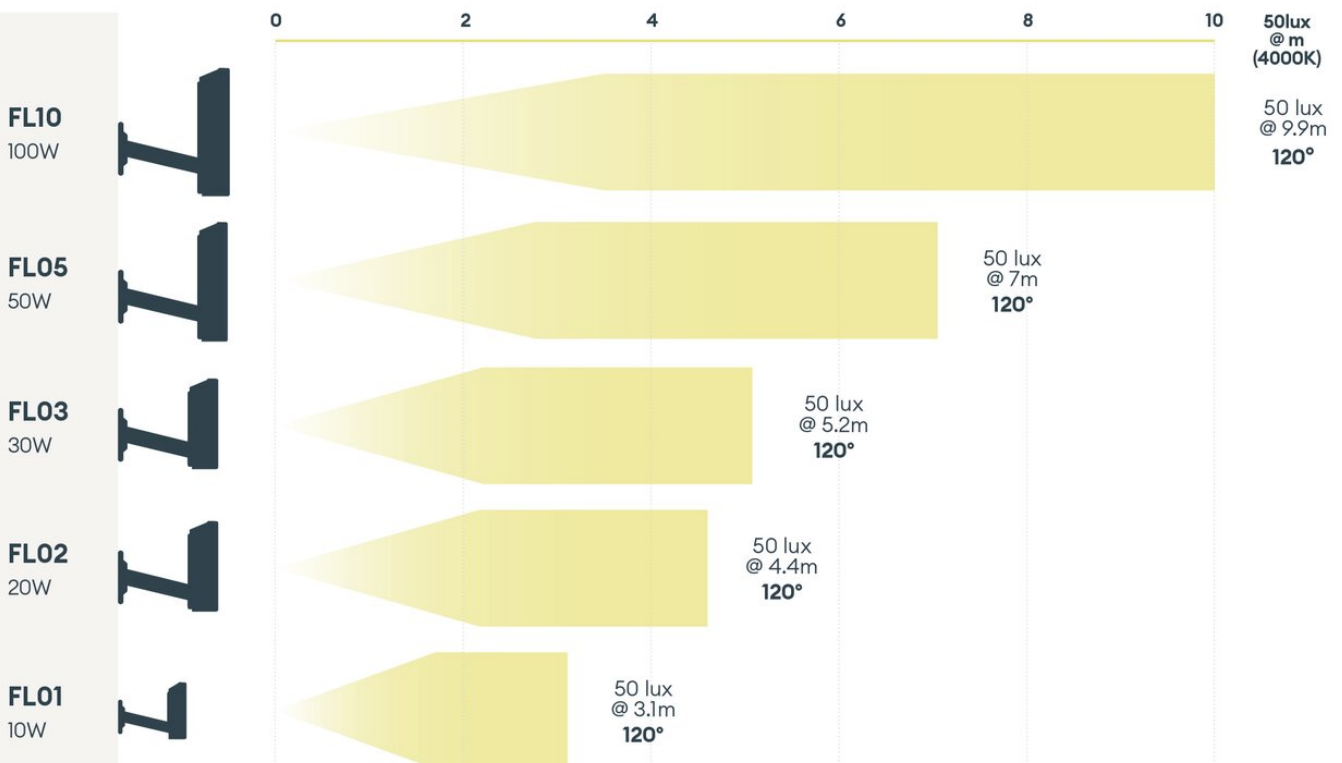


6500K



PRODUCT COMPARISON

Using the diagram below, determine which size product and output is suitable for your installation.



RESIDENTIAL FLOODLIGHT

130lm/W

High efficacy of up to 130lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

GUARANTEE

5 years

BENEFITS

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt

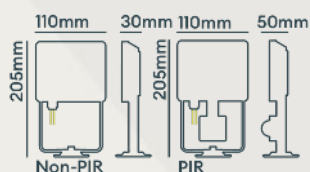
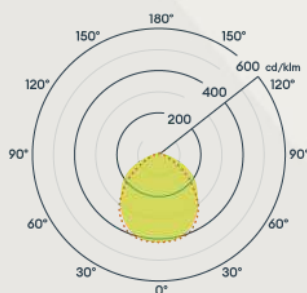
Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

IP65 PIR option provides override function to leave permanently on or off

BEAM (°): 120



FL01

10W colour switchable floodlight

FEATURES

Impact Strength	IK07
IP Rating	IP65
Colour Flexibility	Switchable CCT
Tilt Angle (°)	180
Rotation Angle (°)	360
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM5

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	10A 262µs
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-40°C
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL01APCS	Anthracite	PIR sensor	10W	3000K	120	1100	110	A A A E
				4000K		1150	115	
				6500K		1300	130	
FL01AXCS	Anthracite	Standard	10W	3000K	120	1100	110	A A A E
				4000K		1150	115	
				6500K		1300	130	
FL01BPCS	Black	PIR sensor	10W	3000K	120	1100	110	A A A E
				4000K		1150	115	
				6500K		1300	130	
FL01BXCS	Black	Standard	10W	3000K	120	1100	110	A A A E
				4000K		1150	115	
				6500K		1300	130	
FL01WPCS	White	PIR sensor	10W	3000K	120	1100	110	A A A E
				4000K		1150	115	
				6500K		1300	130	
FL01WXCS	White	Standard	10W	3000K	120	1100	110	A A A E
				4000K		1150	115	
				6500K		1300	130	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²



FL02

20W colour switchable floodlight

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP65	Inrush Current	11A 474µs
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Tilt Angle (°)	180	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	-40-40°C
Dimmable	None	Electric Class	I
Input	220-240V AC	Earth Leakage	0.1mA
LED Life	L70 50,000h		
CRI	CRI>80		
SDCM	SDCM5		

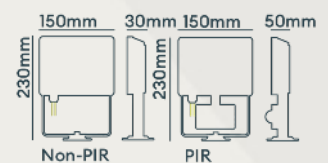
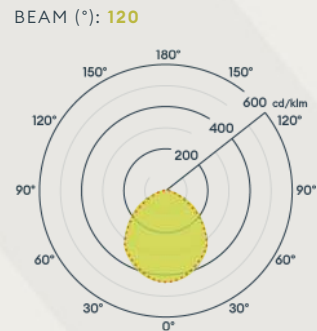
PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL02APCS	Anthracite	PIR sensor	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02AXCS	Anthracite	Standard	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02BPCS	Black	PIR sensor	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02BXCS	Black	Standard	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02WPCS	White	PIR sensor	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02WXCS	White	Standard	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²

- High efficacy of up to 120lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

GUARANTEE
5 years

- BENEFITS**
- Colour switchable between 3 colour temperatures
 - IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions
 - A unique 360° rotation for total flexibility, and a 180° tilt
 - Supplied with 1m cable
 - Wide 120° beam angle, reducing the number of fittings per area required
 - Performs in even more extreme conditions from -40°C to +40°C
 - IP65 PIR option provides override function to leave permanently on or off



RESIDENTIAL FLOODLIGHT

130lm/W

High efficacy of up to 130lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

GUARANTEE

5 years

BENEFITS

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt

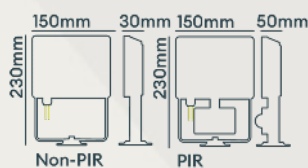
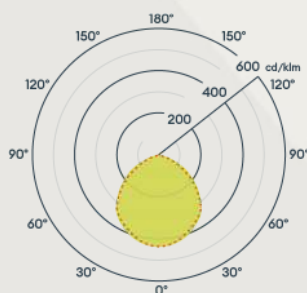
Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

IP65 PIR option provides override function to leave permanently on or off

BEAM (°): 120



FL03

30W colour switchable floodlight

FEATURES

Impact Strength	IK07
IP Rating	IP65
Colour Flexibility	Switchable CCT
Tilt Angle (°)	180
Rotation Angle (°)	360
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM5

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	30A 4µs
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-40°C
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL03APCS	Anthracite	PIR sensor	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03AXCS	Anthracite	Standard	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03BPCS	Black	PIR sensor	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03BXCS	Black	Standard	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03WPCS	White	PIR sensor	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03WXCS	White	Standard	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²



FL05

50W colour switchable floodlight

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP65	Inrush Current	28A 13µs
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Tilt Angle (°)	180	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	-40-40°C
Dimmable	None	Electric Class	I
Input	220-240V AC	Earth Leakage	0.1mA
LED Life	70 50,000h		
CRI	CRI>80		
SDCM	SDCM4		

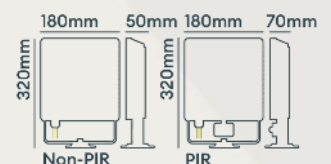
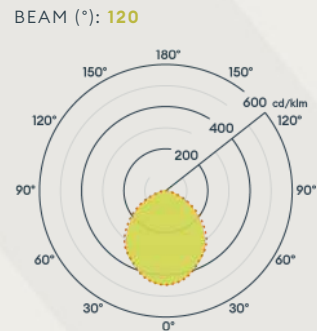
PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL05APCS	Anthracite	PIR sensor	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05AXCS	Anthracite	Standard	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05BPCS	Black	PIR sensor	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05BXCS	Black	Standard	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05WPCS	White	PIR sensor	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05WXCS	White	Standard	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²

- High efficacy of up to 112lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

GUARANTEE
5 years

- BENEFITS**
- Colour switchable between 3 colour temperatures
 - IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions
 - A unique 360° rotation for total flexibility, and a 180° tilt
 - Supplied with 1m cable
 - Wide 120° beam angle, reducing the number of fittings per area required
 - Performs in even more extreme conditions from -40°C to +40°C
 - IP65 PIR option provides override function to leave permanently on or off



RESIDENTIAL FLOODLIGHT

118lm/W

High efficacy of up to 118lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

GUARANTEE

5 years

BENEFITS

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C



FL10

100W colour switchable floodlight

FEATURES

Impact Strength	IK07
IP Rating	IP65
Colour Flexibility	Switchable CCT
Tilt Angle (°)	180
Rotation Angle (°)	360
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM4

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	75A 5µs
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-40°C
Electric Class	I
Earth Leakage	0.3mA

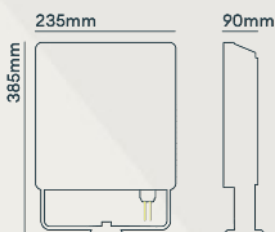
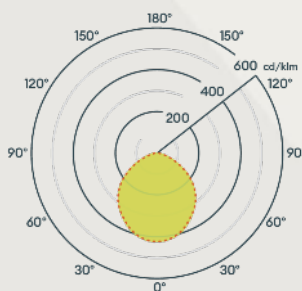
PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL10BXCS	Black	Standard	100W	3000K	120	10250	103	
				4000K		11810	118	
				6500K		10970	110	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²

BEAM (°): 120





STEP LIGHTS



STEP LIGHTING

Functional And Decorative

FUNCTIONAL STEP LIGHTING

Using lighting to highlight steps improves visual aesthetics and enhances safety, whilst adding an inviting glow to your space. Considerations should be made for maintenance and glare when positioning lighting, ensuring ultimate visual appeal and added security knowing the walkway is correctly lit.



LOW GLARE STEP LIGHTING

The purpose of step lighting is to mark or highlight a particular area. As this type of lighting serves a functional purpose, it is important that the fittings do not cause any visual discomfort from glare.

Hooded

Using a hood over the light will restrict upwards light spill. This results in low visibility of the light source from above and will prevent glare to passers-by.



Asymmetric

An asymmetric light source will direct the light downwards, ensuring the stairway is illuminated without upwards glare, without the need of a hood. Eliminating the need for a hood allows these lights to also be used as ground lights.



DECORATIVE STEP LIGHTING

Step lights can be used to enhance your landscape, to amplify your overall lighting when entertaining and for commercial exterior lighting. Linking people and spaces together, highlighting steps can make a real difference. Choose Collingwood's range of decorative step lighting which emit light from a decorative face-plate to transform your overall lighting design.



ROUND AND SQUARE FITTINGS

Choose between round and square fittings to achieve the ideal style for your installation.



HIGHLIGHT FEATURES AS

The asymmetric beam of step lights makes them great for using as a ground light that directs its light onto a feature.



STEP LIGHTS



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage step light

GUARANTEE

7 years

BENEFITS

- Asymmetric beam angle
- 0% upward light spill
- Recess into a wall, floor or ceiling
- Suitable for indoor and outdoor use
- 33mm cut-out size



GL019 EYELID

Asymmetric beam angle with zero upward light spill

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium
Drive Over Walk Over	No	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	50°C
Input	350mA / 700mA DC	Mounting Options	Frame Recessed
LED Life	L70 70,000h	Electric Class	III
CRI	CRI>80	Constant Current	Yes
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				350MA			700MA			
Product Code	Finish	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL019E27BL	Black	2700K	50	1W (350mA)	31	31	2W (700mA)	56	28	
GL019E27SS	Stainless Steel	2700K	50	1W (350mA)	36	36	2W (700mA)	63	31	
GL019E30BL	Black	3000K	50	1W (350mA)	36	36	2W (700mA)	64	32	
GL019E30SS	Stainless Steel	3000K	50	1W (350mA)	41	41	2W (700mA)	72	36	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

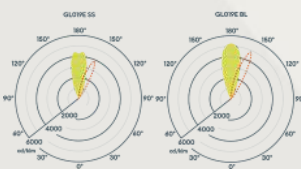
COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

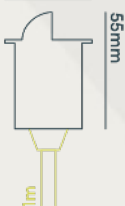
ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
TUBE332	Installation tubes	244

BEAM (°): 50



Ø40mm





IP65 IP65 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection - walk over (Stainless Steel only)

GUARANTEE
7 years





BENEFITS
Supplied complete with installation tube
SDCM3 ensuring uniform light appearance and consistency
Single LED and lens combination for maximum efficiency and optimal light distribution
CRI 80 providing true colour appearance
Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
Long lifetime of 70,000hrs
Available in an array of colours

GL034 MAINS

Hooded Mains Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	80-85mm
IP Rating	IP65	Inrush Current	GL034SS: 60A 0.037ms, Other Variant: TBC
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	No	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL034SS22MF	2.8W	2200K	40	154	55	
GL034SS27MF	2.8W	2700K	40	184	66	
GL034SS30MF	2.8W	3000K	40	186	66	
GL034SS40MF	2.8W	4000K	40	192	69	

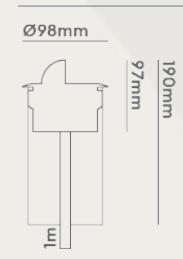
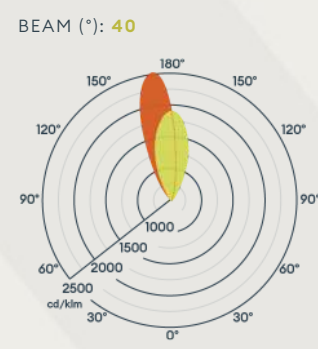
In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Important: BK & AB finish are made to order. Made to order variants available in Low Voltage options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)


ACCESSORIES


JB5	Gel filled waterproof junction box	472
------------	------------------------------------	------------



STEP LIGHTS

1W 1W at 350mA

 Coastal protected

 Low voltage groundlight

GUARANTEE

7 years

BENEFITS

Angled light, ideal for use as a step light

Robust cable for outdoor use

Brushed stainless steel for sleek effect



GL021

30° slotted LED ground / step light



FEATURES

Impact Strength	IK07
IP Rating	IP68
Colour Flexibility	Single CCT
Drive Over Walk Over	Walk over
Dimmable	None
Input	350mA DC
LED Life	L70 70,000h
CRI	CRi>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	50mm
Inrush Current	N/A
Construction Material	Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Wall
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL021 27	1W	2700K	30	8	8	
GL021 NW	1W	4000K	30	10	10	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

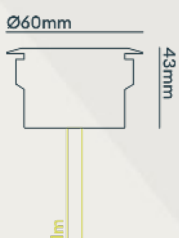
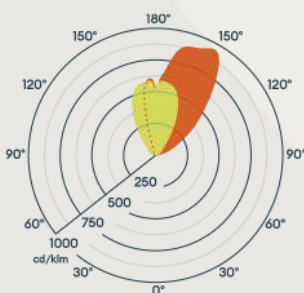
COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
TUBE/50	Installation tubes	244
WCR 275 BLACK	2-core rubber cable	473

BEAM (°): 30





GL022

Square 30° slotted LED ground / step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Cut Out Size	50mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	35°C
Input	350mA DC	Mounting Options	Wall
LED Life	L70 70,000h	Electric Class	III
CRI	CRI>80	Constant Current	Yes
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL022 27	1W	2700K	30	8	8	A F
GL022 NW	1W	4000K	30	10	10	A F
GL022 WW	1W	3000K	30	8	8	A F

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
TUBE/50	Installation tubes	244
WCR 275 BLACK	2-core rubber cable	473

1W

1W at 350mA



Coastal protected



Low voltage groundlight

GUARANTEE

7 years

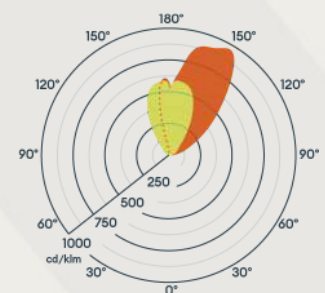
BENEFITS

Angled light, ideal for use as a step light

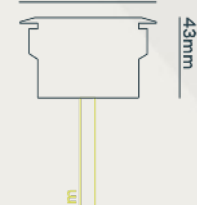
Robust cable for outdoor use

Brushed stainless steel for sleek effect

BEAM (°): 30




60x60mm



STEP LIGHTS

2,6W 2.6W

 Coastal protected

 Main voltage step light

GUARANTEE

7 years

BENEFITS

Recessed, asymmetric wall or ground light perfect for illuminating walls, steps and pathways

Available in rustic cast stainless steel and sleek brushed stainless steel finishes

Installation tube included




WL339

Asymmetric, straight to mains, cast finish step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	80mm
IP Rating	IP65	Inrush Current	9A 0.8ms
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	35°C
Input	220-240V AC	SELV	Yes
LED Life	L70 70,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL339WW	Stainless Steel	2.6W	3000K	50	50	19	

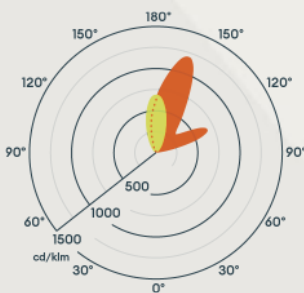
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

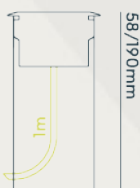
ACCESSORIES

JB5	Gel filled waterproof junction box	472
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BEAM (°): 50



Ø98mm





WL340

Asymmetric, straight to mains, brush finish step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	80mm
IP Rating	IP65	Inrush Current	9A 0.8ms
Colour Flexibility	Single CCT	Construction Material	Stainless Steel, Brass
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	35°C
Input	220-240V AC	SELV	Yes
LED Life	L70 70,000h	Mounting Options	Wall
CRI	CRI>80	Electric Class	I
SDCM	SDCM3	Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL340ABWW	Antique Brass	2.6W	3000K	50	50	19	
WL340WW	Stainless Steel	2.6W	3000K	50	50	19	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES

JB5	Gel filled waterproof junction box	472
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2,6W 2.6W

Coastal protected

Main voltage step light

GUARANTEE

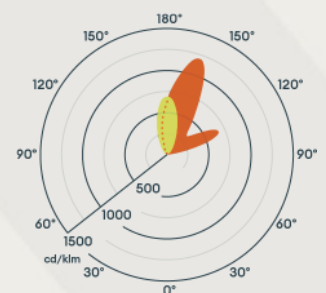
7 years

BENEFITS

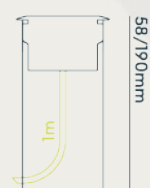
Installation tube included

Ideal for illuminating walls, steps and pathways

BEAM (°): 50




Ø98mm



STEP LIGHTS

2,6W 2.6W

 Coastal protected

 Main voltage step light

GUARANTEE

7 years

BENEFITS

Can be used as a wall light or ground light

Installation tube included

1m H05RN-F rubber cable attached for permanent use outdoors




WL341

Asymmetric, straight to mains, cast finish step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Inrush Current	9A 0.8ms
IP Rating	IP65	Construction Material	Stainless Steel 316
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70, 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL341NW	Stainless Steel	2.6W	4000K	50	59	22	

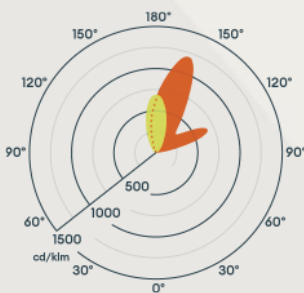
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

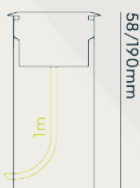
ACCESSORIES

JB5	Gel filled waterproof junction box	472
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BEAM (°): 50



98x98mm





WL342

Asymmetric, straight to mains, brush finish step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	80mm
IP Rating	IP65	Inrush Current	9A 0.8ms
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Mounting Options	Wall
LED Life	L70 70,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL342AB27	Antique Brass	2.6W	2700K	50	49	19	
WL342AB30	Antique Brass	2.6W	3000K	50	50	19	
WL342WW	Stainless Steel	2.6W	3000K	50	50	19	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES	
JB5	Gel filled waterproof junction box 472

2,6W 2.6W

Coastal protected

Main voltage step light

GUARANTEE

7 years

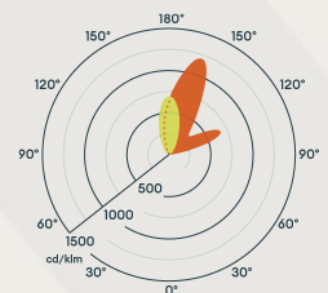
BENEFITS

Can be used as a wall light or ground light

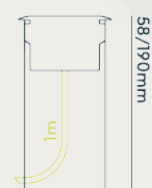
Installation tube included

1m H05RN-F rubber cable attached for permanent use outdoors

BEAM (°): 50



98x98mm



GROUND LIGHTS



GROUND LIGHTS

Highlighting Features Inside And Out

WHAT TYPE OF GROUND LIGHT?

We offer the ideal ground light for every installation

- 1 High power**
Powerful in output and large in scale, these fittings are ideal for illuminating tall trees and the façades of taller buildings.
- 2 Mid power**
Choose these to light smaller façades, trees, shrubs and garden walls. These fittings can also be used inside large scale buildings to highlight architectural features.
- 3 Low power**
Ideal for uplighting domestic façades and for use on wide steps and terraces with low level planting, these fittings can also be used inside to highlight architectural features. They can also be recessed into ceilings to provide small downlight options in display cases, alcoves or in showers.
- 4 Low glare**
These fittings are ideal for use indoors or near terraces, seating areas and along pathways where people pass nearby.
- 5 Marker light**
Providing a subtle, diffused glow of light, these fittings are ideal for steps, pathways, driveways and car parks.
- 6 Underwater lighting**
IP68 and tested to 9m submersion.

PATENTED UNDERWATER TECHNOLOGY

IP68 rated ground lights are completely air tight and can be used under water.

Our low voltage ground lights utilise patented technology, unique to Collingwood, the anti syphon bung prevents water ingress when submerged, from where the cable enters the product.



CHOOSE THE IDEAL SIZE AND OUTPUT

50lux @ m (3000K)

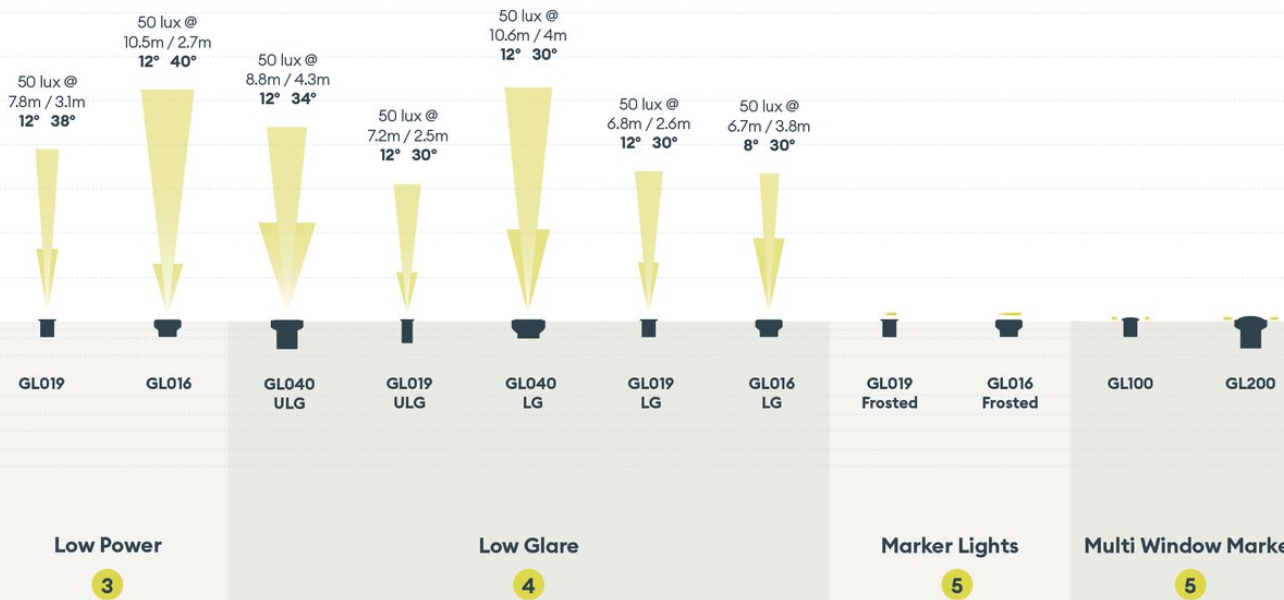


MADE TO ORDER

		GL016	GL019	GL038	GL040	GL100
Finish / Material	Antique Brass	●	●	●	●	●
	Black	●	●	●	●	●
	Bronze	●	●	●	●	●
	Stainless Steel	●	●	●	●	●
Shape	Round	●	●	●	●	●
	Square	●	●	X	●	X
Beam Angle	Spot	●	●	●	●	X
	Flood	●	●	●	●	X
Lit Effect	Clear Glass	●	●	●	●	X
	Frosted Glass	●	●	●	●	X
	Honeycomb Low-Glare	●	●	●	●	X
	Half Moon Glass	●	●	●	●	X
CCT	2200K	●	●	●	●	●
	2700K	●	●	●	●	●
	3000K	●	●	●	●	●
	4000K	●	●	●	●	●
Low Voltage Option		X	X	●	X	X
Comes with Rube		●	●	●	●	●

FITTING GUIDE


Product Code	Cut-out	Depth	Depth with tube
GLTMS119	119mm	129mm	136mm
GLTMF147 GLTMS147	147mm	156mm	168mm
GLTMF165 GLTMS165	165mm	250mm	278mm
GLTMS193	193mm	175mm	195mm
GLTMS223	223mm	183mm	212mm
GL016 Range	50mm	60mm	102mm
GL019 Range	33mm	60mm	102mm
GL019 ULG	33mm	90mm	132mm
GL040	65mm	60mm	102mm
GL040 ULG	65mm	110mm	132mm
GL100	33mm	60mm	109mm
GL200	65mm	80mm	150mm



GROUND LIGHTS

0.5W 0.5W at 24V DC

 Frosted effect for low glare and soft lighting

 Low voltage ground light

GUARANTEE

7 years

BENEFITS

- Robust cable for outdoor use
- Shallow depth for easy installation
- Coastal protected
- Easy and quick installation with parallel wiring



GL018 C

mini round marker ground light

FEATURES

Impact Strength	IK07
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Dimmable	None
Input	24V DC
LED Life	L70 30,000h
CRI	CRi>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	28mm
Construction Material	Stainless Steel 316, Brass
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Floor
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W
GL018 C 27	Stainless Steel	0.4W	2700K	120	4	10
GL018 C NW	Stainless Steel	0.4W	4000K	120	4	10
GL018 C WARM WHITE	Stainless Steel	0.4W	3000K	120	4	10

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 6mm)

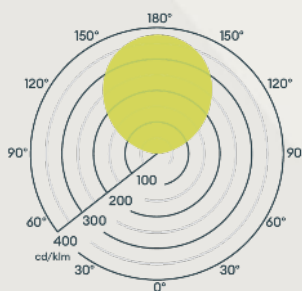
COMPATIBLE DRIVERS

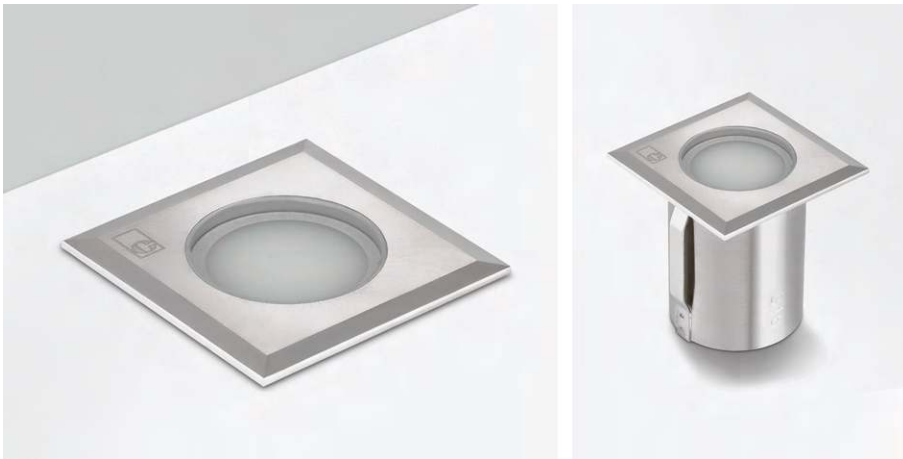
See Pages 458-459 for complete LED Driver offering

ACCESSORIES

JB1	Waterproof junction box	472
JB5	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
PDCINTI-10V	DALI-2, PUSH DIM, 0-10V and 1-10V dimming interface for 24V Drivers	

BEAM (°): 120





GL018 SQ

square mini marker ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Cut Out Size	28mm
IP Rating	IP68	Construction Material	Stainless Steel 316
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	Fixed	Ambient Temperature	35°C
Drive Over Walk Over	Walk over	Mounting Options	Floor
Dimmable	None	Electric Class	III
Input	24V DC	Constant Voltage	Yes
LED Life	L70 30,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W
GL018 SQ WARM WHITE	Stainless Steel	0.5W	3000K	120	3	6

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS


See Pages 458-459 for complete LED driver offer

ACCESSORIES

JB1	Waterproof junction box	472
JB5	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
PDCINT1-10V	DALI-2, PUSH DIM, 0-10V and 1-10V dimming interface for 24V Drivers	

0.5W 0.5W at 24V DC

 Frosted effect for low glare and soft lighting

 Low voltage ground light

GUARANTEE

3 years (extended)

BENEFITS

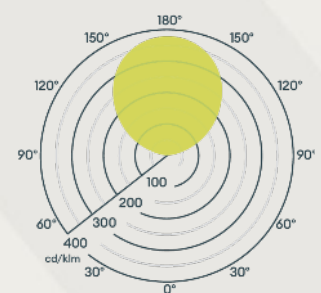
Square bezel for a different decorative effect

Robust cable for outdoor use

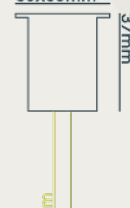
Shallow depth for easy installation

Easy and quick installation with parallel wiring

BEAM (°): 120



36x36mm



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK06 IK06 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

SDCM3 ensuring uniform light appearance and consistency

CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Compact yet powerful fitting

Robust cable for outdoor use

Available in an array of colours



GL019 ROUND

Low Voltage Ground Light

FEATURES	
Impact Strength	IK06
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Dimmable	None
Input	150mA / 250mA / 350mA / 500mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION	
Cut Out Size	33mm
Inrush Current	N/A
Construction Material	Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C		150MA		700MA					
Product Code	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL019RSS22F	2200K	38	0.4W (150mA)	51	120	2.2W (700mA)	196	89	A D
GL019RSS22S	2200K	12	0.4W (150mA)	51	120	2.2W (700mA)	196	89	A D
GL019RSS27F	2700K	38	0.4W (150mA)	51	120	2.2W (700mA)	169	89	A D
GL019RSS27S	2700K	12	0.4W (150mA)	51	120	2.2W (700mA)	169	89	A D
GL019RSS30F	3000K	38	0.4W (150mA)	54	129	2.2W (700mA)	210	95	A D
GL019RSS30S	3000K	12	0.4W (150mA)	54	129	2.2W (700mA)	210	95	A D
GL019RSS40F	4000K	38	0.4W (150mA)	60	143	2.2W (700mA)	234	106	A D
GL019RSS40S	4000K	12	0.4W (150mA)	60	143	2.2W (700mA)	234	106	A D

In the part code to replace your colour, change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

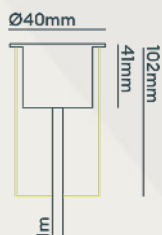
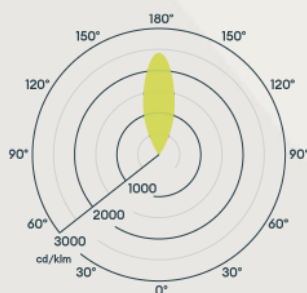
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

BEAM (°): 12, 38





IP68 IP68 perfect for internal or external applications

 Coastal protected

IK06 IK06 impact protection (Stainless Steel only)

GUARANTEE
7 years









BENEFITS

- Supplied complete with installation tube
- Low voltage ground light
- SDCM3 ensuring uniform light appearance and consistency
- CRI 80 providing true colour appearance
- Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
- Compact yet powerful fitting
- Robust cable for outdoor use
- Available in an array of colours

GL019 ULTRA LOW GLARE

Low Voltage Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Input	150mA / 250mA / 350mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRi>80		
SDCM	SDCM3		

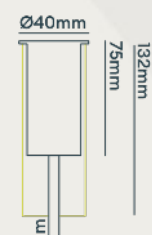
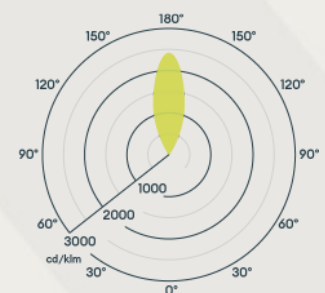
PHOTOMETRICS @ 25°C									
	150MA					350MA			
Product Code	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL019USS22F	2200K	38	0.4W (150mA)	36	85	1W (350mA)	77	77	
GL019USS22S	2200K	12	0.4W (150mA)	41	98	1W (350mA)	89	89	
GL019USS27F	2700K	38	0.4W (150mA)	36	85	1W (350mA)	77	77	
GL019USS27S	2700K	12	0.4W (150mA)	41	98	1W (350mA)	89	89	
GL019USS30F	3000K	38	0.4W (150mA)	38	90	1W (350mA)	82	82	
GL019USS30S	3000K	12	0.4W (150mA)	44	105	1W (350mA)	95	95	
GL019USS40F	4000K	38	0.4W (150mA)	42	101	1W (350mA)	91	91	
GL019USS40S	4000K	12	0.4W (150mA)	49	117	1W (350mA)	106	106	

In the part code to replace your colour, change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (6mm)

COMPATIBLE DRIVERS
See Pages 458-459 for complete LED driver offer

BEAM (°): 12, 38



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

Walk over ground light ideal for paths or steps

SDCM3 ensuring uniform light appearance and consistency

CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Long-lifetime of 70,000hrs





Available in an array of colours



GL100 (1 WINDOW)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				150MA		700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GLI00SSIW22	1 Window	2200K	75	0.4W (150mA)	1	3	2.2W (700mA)	5	2	
GLI00SSIW27	1 Window	2700K	75	0.4W (150mA)	1	3	2.2W (700mA)	5	2	
GLI00SSIW30	1 Window	3000K	75	0.4W (150mA)	1	3	2.2W (700mA)	6	3	
GLI00SSIW40	1 Window	4000K	75	0.4W (150mA)	2	4	2.2W (700mA)	6	3	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

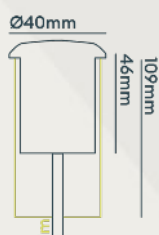
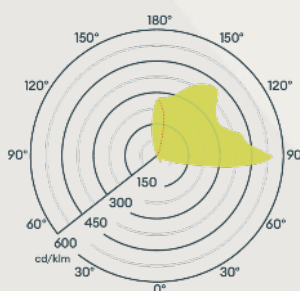
COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473

BEAM (°): 75





IP68 IP68 perfect for internal or external applications

Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE
7 years

BENEFITS

- Supplied complete with installation tube
- Low voltage ground light
- Walk over ground light ideal for paths or steps
- SDCM3 ensuring uniform light appearance and consistency
- CRI 80 providing true colour appearance
- Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
- Long-lifetime of 70,000hrs
- Available in an array of colours

GL100 (2 WINDOWS 1 DIRECTIONS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CR>80		
SDCM	SDCM3		

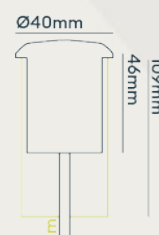
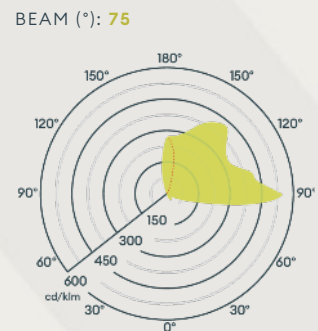
PHOTOMETRICS @ 25°C				150MA			700MA			
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL100SS2W22	2 Windows 1 Direction	2200K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GL100SS2W27	2 Windows 1 Direction	2700K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GL100SS2W30	2 Windows 1 Direction	3000K	75	0.4W (150mA)	3	7	2.2W (700mA)	11	5	
GL100SS2W40	2 Windows 1 Direction	4000K	75	0.4W (150mA)	3	8	2.2W (700mA)	12	6	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 458-459 for complete LED driver offer

ACCESSORIES		
JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

Walk over ground light ideal for paths or steps

SDCM3 ensuring uniform light appearance and consistency

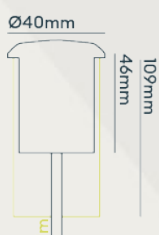
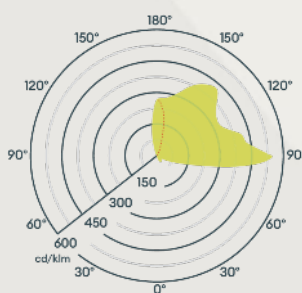
CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Long-lifetime of 70,000hrs

Available in an array of colours

BEAM (°): 75



GL100 (2 WINDOWS 2 DIRECTIONS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				150MA		700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GLI00SS2O22	2 Windows 2 Directions	2200K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GLI00SS2O27	2 Windows 2 Directions	2700K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GLI00SS2O30	2 Windows 2 Directions	3000K	75	0.4W (150mA)	3	7	2.2W (700mA)	11	5	
GLI00SS2O40	2 Windows 2 Directions	4000K	75	0.4W (150mA)	3	8	2.2W (700mA)	12	6	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473



IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE
7 years





BENEFITS

- Supplied complete with installation tube
- Low voltage ground light
- Walk over ground light ideal for paths or steps
- SDCM3 ensuring uniform light appearance and consistency
- CRI 80 providing true colour appearance
- Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
- Long-lifetime of 70,000hrs
- Available in an array of colours

GL100 (3 WINDOWS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CR>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C		150MA				700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GLI00SS3W22	3 Windows	2200K	75	0.4W (150mA)	4	10	2.2W (700mA)	16	7	
GLI00SS3W27	3 Windows	2700K	75	0.4W (150mA)	4	10	2.2W (700mA)	16	7	
GLI00SS3W30	3 Windows	3000K	75	0.4W (150mA)	4	10	2.2W (700mA)	17	8	
GLI00SS3W40	3 Windows	4000K	75	0.4W (150mA)	5	11	2.2W (700mA)	19	8	

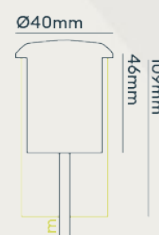
In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 458-459 for complete LED driver offer

ACCESSORIES		
JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473

BEAM (°): 75



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

Walk over ground light ideal for paths or steps

SDCM3 ensuring uniform light appearance and consistency

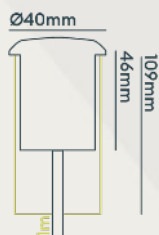
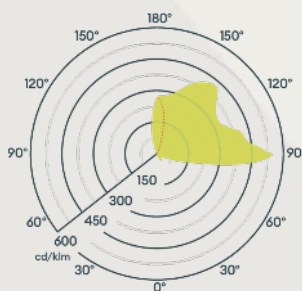
CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Long-lifetime of 70,000hrs

Available in an array of colours





BEAM (°): 75



GL100 (4 WINDOWS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				150MA		700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL100SS4W22	4 Windows	2200K	75	0.4W (150mA)	5	11	2.2W (700mA)	18	8	
GL100SS4W27	4 Windows	2700K	75	0.4W (150mA)	5	11	2.2W (700mA)	18	8	
GL100SS4W30	4 Windows	3000K	75	0.4W (150mA)	5	12	2.2W (700mA)	20	9	
GL100SS4W40	4 Windows	4000K	75	0.4W (150mA)	6	13	2.2W (700mA)	22	10	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

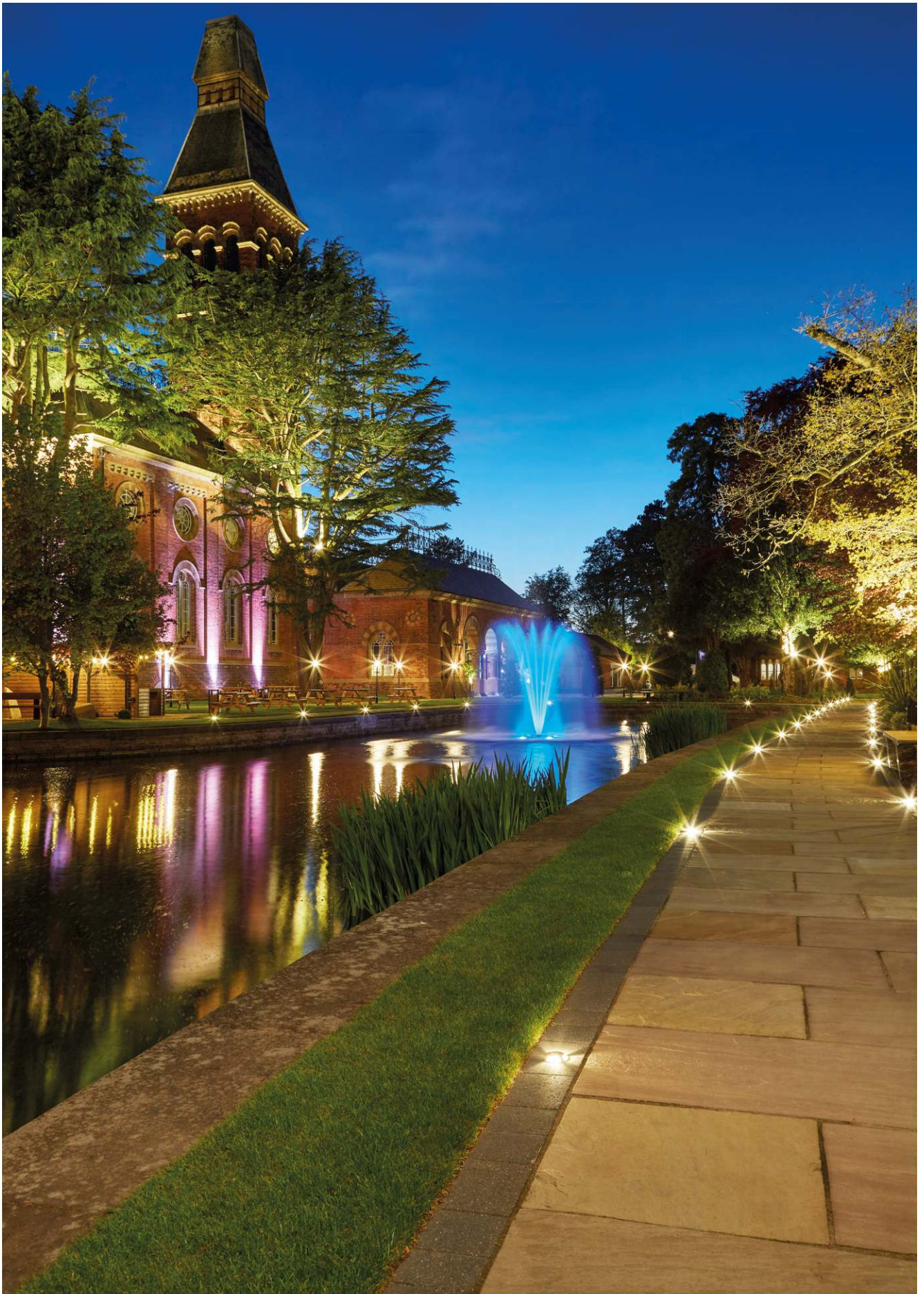
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES


JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473



GROUND LIGHTS

5.7W 5.7W

 Coastal protected

 Straight to mains ground light

GUARANTEE

7 years

BENEFITS

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation



GL200 (1-2 WINDOWS)

5.7W, 40lm, domed ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Cut Out Size	70mm
IP Rating	IP65	Inrush Current	31A 0.12ms
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Mounting Options	Semi-Recessed
LED Life	L70 70,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200DXIX27	1 Window	5.7W	2700K	90	10	2	
GL200DXIX30	1 Window	5.7W	3000K	90	10	2	
GL200DXIX40	1 Window	5.7W	4000K	90	10	2	
GL200DX2127	2 Windows 1 Direction	5.7W	2700K	90	20	4	
GL200DX2130	2 Windows 1 Direction	5.7W	3000K	90	20	4	
GL200DX2140	2 Windows 1 Direction	5.7W	4000K	90	20	4	
GL200DX2227	2 Windows 2 Directions	5.7W	2700K	90	20	4	
GL200DX2230	2 Windows 2 Directions	5.7W	3000K	90	20	4	
GL200DX2240	2 Windows 2 Directions	5.7W	4000K	90	20	4	

Energy rating is a reflection of the LED light source.

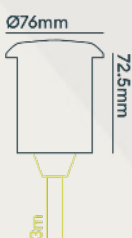
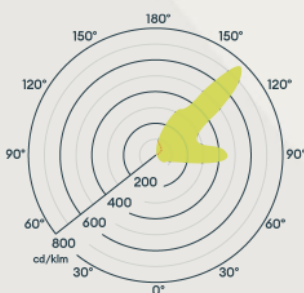
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES

JB5	Gel filled waterproof junction box	472
TUBE/68	Installation tubes	244

BEAM (°): 90





5.7W

5.7W



Coastal protected

Straight to mains
ground light

GUARANTEE

7 years

BENEFITS

Marine grade stainless steel 316 or
antique brass5 window styles and colour
temperatures to suit any
installation

GL200 (3-4 WINDOWS)

5.7W, 40lm, domed ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Cut Out Size	70mm
IP Rating	IP65	Inrush Current	31A 0.12ms
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Mounting Options	Semi-Recessed
LED Life	L70 70,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200DX3X27	3 Windows	5.7W	2700K	90	30	5	
GL200DX3X30	3 Windows	5.7W	3000K	90	30	5	
GL200DX3X40	3 Windows	5.7W	4000K	90	30	5	
GL200DX4X27	4 Windows	5.7W	2700K	90	40	7	
GL200DX4X30	4 Windows	5.7W	3000K	90	40	7	
GL200DX4X40	4 Windows	5.7W	4000K	90	40	7	

Energy rating is a reflection of the LED light source.

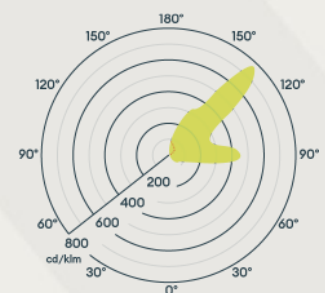
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

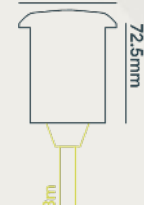
ACCESSORIES

JB5	Gel filled waterproof junction box	472
TUBE/68	Installation tubes	244

BEAM (°): 90





Ø76mm



GROUND LIGHTS

5.7W 5.7W

 Coastal protected

 Straight to mains ground light

GUARANTEE

7 years

BENEFITS

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation



GL200 (1-2 WINDOWS)

5.7W, 40lm, domed ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Cut Out Size	70mm
IP Rating	IP65	Inrush Current	31A 0.12ms
Colour Flexibility	Single CCT	Construction Material	Brass
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Input	220-240V AC	Ambient Temperature	35°C
LED Life	L70 70,000h	SELV	Yes
CRI	CRI>80	Electric Class	I
		Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200AXIX27	1 Window	5.7W	2700K	90	10	2	A B F
GL200AXIX30	1 Window	5.7W	3000K	90	10	2	A B E
GL200AX2I27	2 Windows 1 Direction	5.7W	2700K	90	20	4	A B F
GL200AX2I30	2 Windows 1 Direction	5.7W	3000K	90	20	4	A B E
GL200AX2227	2 Windows 2 Directions	5.7W	2700K	90	20	4	A B F
GL200AX2230	2 Windows 2 Direction	5.7W	3000K	90	20	4	A B E

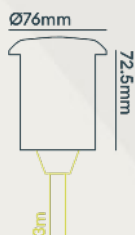
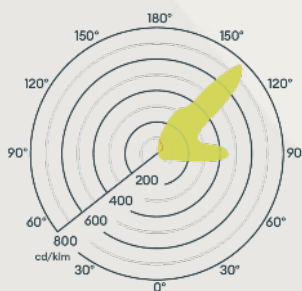
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES

JB5	Gel filled waterproof junction box	472
TUBE/68	Installation tubes	244

BEAM (°): 90




5.7W 5.7W


Coastal protected

Straight to mains
ground light**GUARANTEE**

7 years

BENEFITSMarine grade stainless steel 316 or
antique brass5 window styles and colour
temperatures to suit any
installation

GL200 (3-4 WINDOWS)

5.7W, 40lm, domed ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Cut Out Size	70mm
IP Rating	IP65	Inrush Current	31A 0.12ms
Colour Flexibility	Single CCT	Construction Material	Brass
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Input	220-240V AC	Ambient Temperature	35°C
LED Life	L70 70,000h	SELV	Yes
CRI	CRI>80	Electric Class	I
		Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200AX3X27	3 Windows	5.7W	2700K	90	30	5	
GL200AX3X30	3 Windows	5.7W	3000K	90	30	5	
GL200AX4X27	4 Windows	5.7W	2700K	90	40	7	
GL200AX4X30	4 Windows	5.7W	3000K	90	40	7	

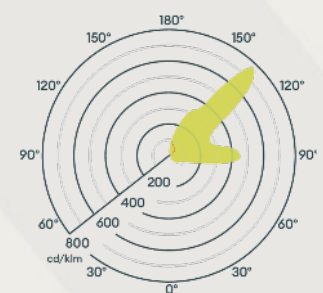
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

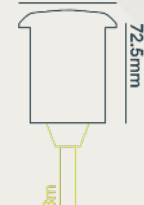
ACCESSORIES

JB5	Gel filled waterproof junction box	472
TUBE/68	Installation tubes	244

BEAM (°): 90



Ø76mm



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

SDCM3 ensuring uniform light appearance and consistency

Single LED and lens combination for maximum efficiency and optimal light distribution

CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

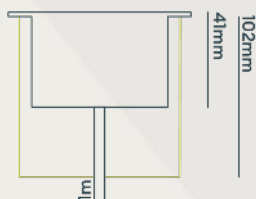
Long lifetime of 70,000hrs

Available in an array of colours

BEAM (°): 12, 40



Ø76mm



GL040 ROUND

Round Ground Light

FEATURES

Impact Strength	IK08
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Dimmable	None
Input	150mA / 250mA / 350mA / 500mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	70mm
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
Electric Class	III
Constant Current	Yes
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam (°)	150MA			700MA			Energy
			W	lm	Lm/W	W	lm	Lm/W	
GL040RSS22F	2200K	40	0.8W (150mA)	108	135	4.6W (700mA)	431	94	
GL040RSS22S	2200K	12	0.8W (150mA)	108	135	4.6W (700mA)	431	94	
GL040RSS27F	2700K	40	0.8W (150mA)	129	161	4.6W (700mA)	515	112	
GL040RSS27S	2700K	12	0.8W (150mA)	129	161	4.6W (700mA)	515	112	
GL040RSS30F	3000K	40	0.8W (150mA)	130	163	4.6W (700mA)	520	113	
GL040RSS30S	3000K	12	0.8W (150mA)	130	163	4.6W (700mA)	520	113	
GL040RSS40F	4000K	40	0.8W (150mA)	134	168	4.6W (700mA)	538	117	
GL040RSS40S	4000K	12	0.8W (150mA)	134	168	4.6W (700mA)	538	117	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer



IP68 IP68 perfect for internal or external applications

 Coastal protected

IK07 IK07 impact protection (Stainless Steel only)

GUARANTEE
7 years









BENEFITS

- Supplied complete with installation tube
- SDCM3 ensuring uniform light appearance and consistency
- CRI 80 providing true colour appearance
- Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
- Robust cable for outdoor use
- Shallow depth for easy installation
- Available in an array of colours

GL016 ROUND

Low Voltage Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Cut Out Size	50mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	Fixed	Ambient Temperature	55°C
Dimmable	None	SELV	Yes
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80	Earth Leakage	mA
SDCM	SDCM3		

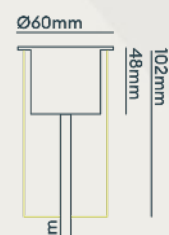
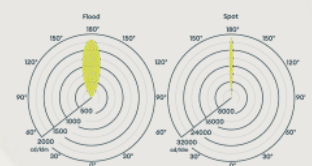
PHOTOMETRICS @ 25°C		150MA				700MA			
Product Code	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL016RSS22F	2200K	40	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
GL016RSS22S	2200K	12	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
GL016RSS27F	2700K	40	0.4W (150mA)	51	120	2.2W (700mA)	169	89	
GL016RSS27S	2700K	12	0.4W (150mA)	51	120	2.2W (700mA)	169	89	
GL016RSS30F	3000K	40	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
GL016RSS30S	3000K	12	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
GL016RSS40F	4000K	40	0.4W (150mA)	60	143	2.2W (700mA)	234	106	
GL016RSS40S	4000K	12	0.4W (150mA)	60	143	2.2W (700mA)	234	106	

In the part code to replace your colour, change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 458-459 for complete LED driver offer

BEAM (°): 12, 40



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

SDCM3 ensuring uniform light appearance and consistency

Single LED and lens combination for maximum efficiency and optimal light distribution

CRI 80 providing true colour appearance



GL040 ULTRA LOW GLARE

Ultra Low Glare Ground Light

FEATURES

Impact Strength	IK08
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Dimmable	None
Input	150mA / 250mA / 350mA / 500mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	70mm
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam (°)	150MA			500MA			Energy
			W	lm	Lm/W	W	lm	Lm/W	
GL040USS22F	2200K	40	0.8W (150mA)	77	96	3W (500mA)	238	79	
GL040USS22S	2200K	12	0.8W (150mA)	77	96	3W (500mA)	238	79	
GL040USS27F	2700K	40	0.8W (150mA)	92	115	3W (500mA)	284	95	
GL040USS27S	2700K	12	0.8W (150mA)	92	115	3W (500mA)	284	95	
GL040USS30F	3000K	40	0.8W (150mA)	93	116	3W (500mA)	287	96	
GL040USS30S	3000K	12	0.8W (150mA)	93	116	3W (500mA)	287	96	
GL040USS40F	4000K	40	0.8W (150mA)	96	120	3W (500mA)	297	99	
GL040USS40S	4000K	12	0.8W (150mA)	96	120	3W (500mA)	297	99	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

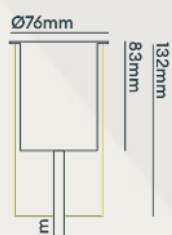
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

BEAM (°): 12, 40





IP65 IP65 perfect for internal or external applications

 Coastal protected

IK06 IK06 impact protection (Stainless Steel only)

GUARANTEE
7 years





BENEFITS

- Supplied complete with installation tube
- SDCM3 ensuring uniform light appearance and consistency
- Single LED and lens combination for maximum efficiency and optimal light distribution
- CRI 80 providing true colour appearance
- Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
- Long lifetime of 70,000hrs
- Available in an array of colours

GL038 MAINS

Straight to mains LED Ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Cut Out Size	80-85mm
IP Rating	IP65	Inrush Current	GL038AB: 9A 0.8ms, GL038BK: TBC, GL038SS: 60A 0.037ms, GL038BZ: TBC
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	Fixed	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

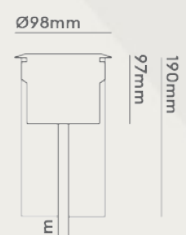
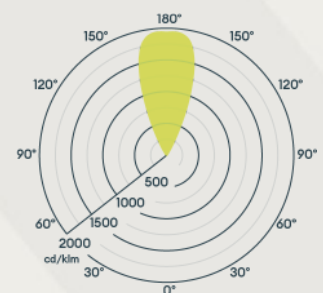
PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL038SS22MF	2.8W	2200K	40	249	89	
GL038SS27MF	2.8W	2700K	40	297	106	
GL038SS30MF	2.8W	3000K	40	300	107	
GL038SS40MF	2.8W	4000K	40	310	111	

In the part code to replace your colour, change SS to AB (Antique Brass), BK (Black) or BZ (Bronze). Important: BK & BZ finish are made to order. Made to order variants available in Low Voltage options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

COMPATIBLE DRIVERS
See for complete LED driver offer

BEAM (°): 40



GROUND LIGHT ACCESSORIES

Choose The Ideal Accessory For Your Ground Light

Change the correct size installation tube for your ground light.



Accessory on its own

PRODUCT CODES

Product Code	Description	Guarantee
TUBE332	Ground light installation tube	1 Year
TUBE/50	Ground light installation tube	1 Year
TUBE/68	Ground light installation tube	1 Year

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	GL200	GL019 Eyelid	GL021	GL022
TUBE332	X	●	X	X
TUBE/50	X	X	●	●
TUBE/68	●	X	X	X



IP67 IP67 for complete protection

IK08 IK08 (GLTM_11/14) IK10 (GLTM_16/19/22)

Suitable for coastal applications

GUARANTEE
5 years

BENEFITS

- Tilt angle of luminaire is adjustable, just turn knob to tilt the light distribution up to 25 degrees
- Static loading capacity is 2000kg
- Pre-wired with 1 meter of cable to aid the installer
- DALI-2 dimmable and RGBW options also available
- Supplied with installation tube

TILT ADJUSTABLE GROUND LIGHT

Straight to Mains, TRIAC mains dimmable

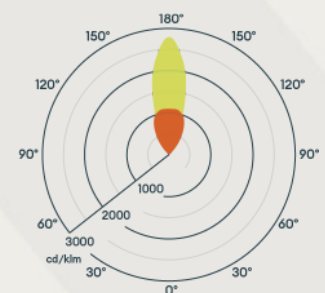
FEATURES		INSTALLATION INFORMATION	
IP Rating	IP67	Inrush Current	GLTM_11: 0.5A 0.4ms, GLTM_14: 0.6A 0.4ms, GLTM_16: 0.45A 0.5ms, GLTM_19: 0.55A 0.5ms, GLTM_22: 0.55A 0.5ms
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium, Stainless Steel 316
Tilt Angle (°)	25	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Drive over (15mph maximum)	Ambient Temperature	-25-40°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 50,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GLTMFI47T30	Ø147mm cut-out	12W	3000K	60	1200	100	
GLTMFI65T30	Ø165mm cut-out	18W	3000K	60	1600	89	
GLTMS119T30	Ø119mm cut-out	6W	3000K	34	450	75	
GLTMS147T30	Ø147mm cut-out	12W	3000K	34	1200	100	
GLTMS165T30	Ø165mm cut-out	18W	3000K	34	1600	89	
GLTMS193T30	Ø193mm cut-out	23W	3000K	34	2300	100	
GLTMS223T30	Ø223mm cut-out	30W	3000K	34	3300	100	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F
Conductor Cross Section	1mm ²

ACCESSORIES		
JB5	Gel filled waterproof junction box	472
DM298FP	100W LED 2 way push on/ off rotary dimmer	40
DM298GRID	250W LED mains grid dimmer	40

BEAM (°): 34, 60



SPIKE LIGHTS



SPIKE LIGHTS

To Create Engaging Outdoor Spaces

CHOOSE YOUR EFFECT

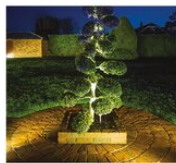
Spike lights can be used in a variety of ways, for example, illuminating pathways, highlighting mid-level planting or to pick out certain features within a garden. The great thing about these products is that they can move as your landscape changes season to season, year to year.



Pathways



Mid-level planting



Features

LAYERING LIGHT

Spike lights can effectively work as the main focus of an outdoor lighting scheme; however, they also work well in spreading the focus throughout an installation. Combine various effects using these versatile fittings to light features at different levels and to create a scene with depth and interest. Pathway lighting can be combined with uplighting to create a multi-layered effect.

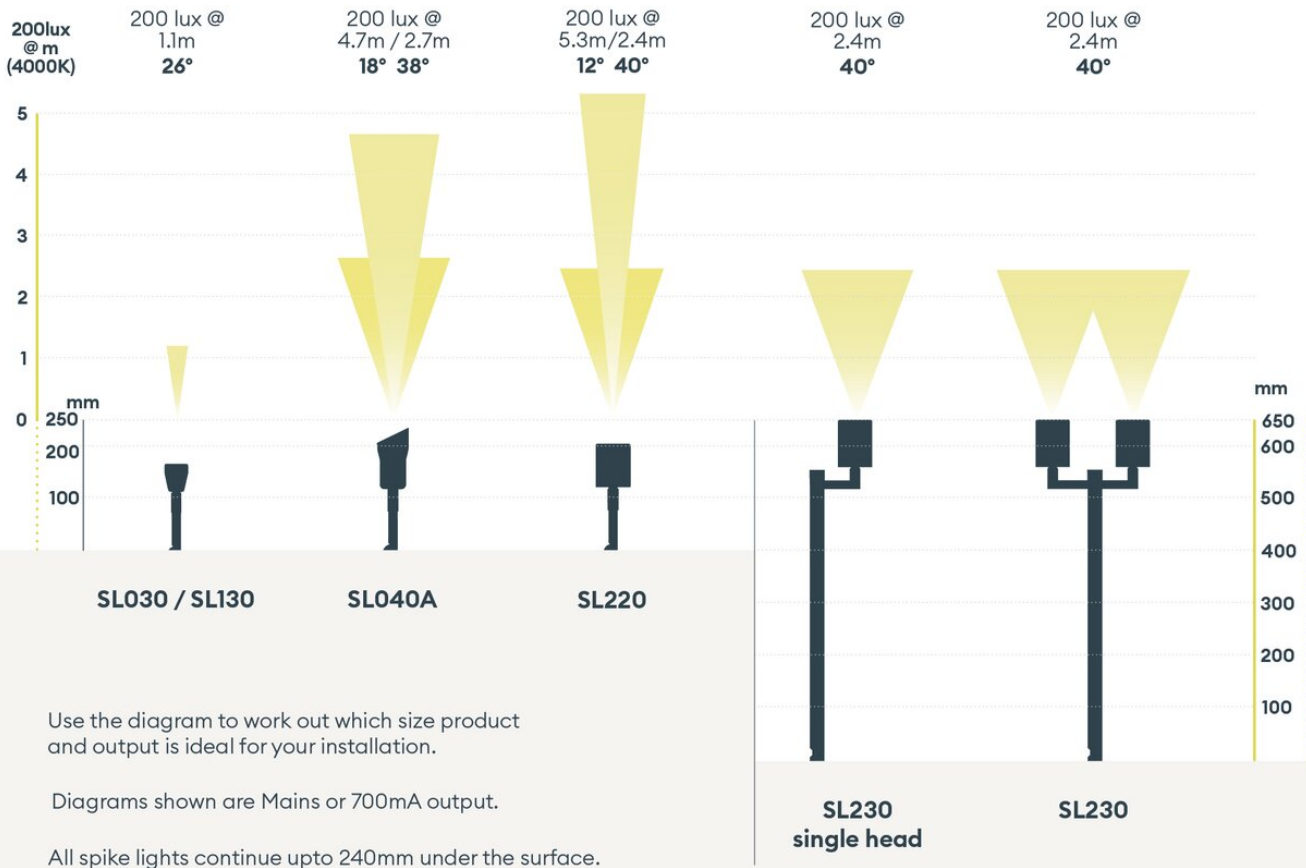


Light confined to one area



Light spread across installation

PRODUCT COMPARISON



LOW GLARE HOODS AND SNOOTS

Upgrade the look and feel of your spike light installation with a simple low glare hood or snoot accessory. The accessories minimise any 'spill light' from the product to create a crisp beam of light which is low glare.

Standard spike light



Flexible spike lighting with a high-quality fixture. Without using an accessory the beam of light has a soft halo around the measured beam angle.

Low glare hood



A simple solution to create discreet lighting whilst optimising the light distribution. The widest part of the hood reduces the spill light from one side of the light.

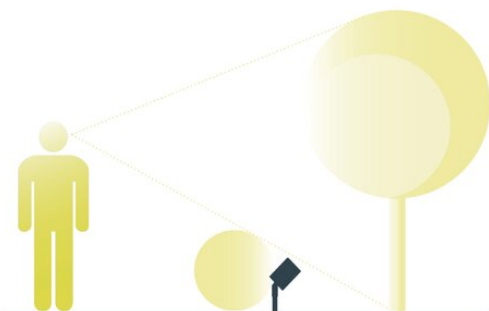
Low glare snoot



This cylindrical snoot accentuates the style factor. Perfect for creating a moonlight effect the snoot reduces the spill light in all directions.

DISCREET LIGHTING

Conceal your spike lights to allow attention to focus on the illumination, not the light source.



MADE TO ORDER

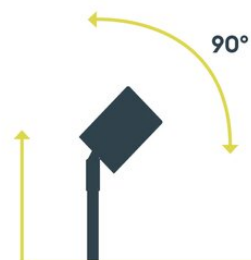
		SL220
Finish / Material	Antique Brass	●
	Black	●
	Bronze	●
	Stainless Steel	●
Beam Angle	Spot	●
	Flood	●
Lit Effect	Clear Glass	●
	Frosted Glass	●
	Honeycomb Low-Glare	●
	Half Moon Glass	●
CCT	2200K	●
	2700K	●
	3000K	●
	4000K	●
Low Voltage Option		●

WATERPROOF

Our spike lights are waterproof to IP65 and have been designed for permanent use outdoors. Spike lights must be installed using waterproof connections to avoid moisture ingress through non-waterproof joints.

FLEXIBILITY

Spike lights are the most flexible lighting choice for a garden as they can be used in a variety of environments and are easy to manoeuvre, which gives the option to change the lighting scheme to reflect the season.



Tilt

Select the best angle to illuminate features.

Move

Simply pick up and move a spike light to illuminate a different feature.

SPIKE LIGHTS



1W at 350mA or 2W at 700mA



Coastal protected



IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Long spike included for extra stability

Robust cable for outdoor use

Small & discreet

Single Point Source LED



SLO30 | SL130

1W LED spike light

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	Fixed
Dimmable	None
Input	350mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Stainless Steel 316, Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Floor
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam (°)	350MA			700MA			Energy
				W	lm	Lm/W	W	lm	Lm/W	
SL030 F 27	Stainless Steel 316	2700K	26	1W	70	70	2W	120	60	
SL030 F NW	Stainless Steel 316	4000K	26	1W	95	95	2W	140	70	
SL030 F WW	Stainless Steel 316	3000K	26	1W	75	75	2W	135	68	
SL13027	Black	2700K	26	1W	70	70	2W	120	60	
SL13030	Black	3000K	26	1W	75	75	2W	135	68	
SL13040	Black	4000K	26	1W	95	95	2W	140	70	
SL130ZMBX27	Bronze	2700K	26	1W	70	70	2W	120	60	
SL130ZMBX30	Bronze	3000K	26	1W	75	75	2W	135	68	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

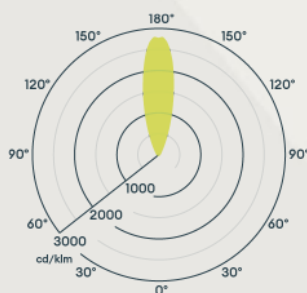
COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473

BEAM (°): 26



Ø42mm





SL040A

High output LED spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Construction Material	Anodised Aluminium
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	90	Ambient Temperature	35°C
Rotation Angle (°)	Fixed	Mounting Options	Floor
Dimmable	None	Electric Class	III
Input	700mA DC	Constant Current	Yes
LED Life	L70 70,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
SL040A F 27	Black	7W	2700K	38	377	54	
SL040A F WW	Black	7W	3000K	38	413	59	
SL040A S 27	Black	7W	2700K	18	377	54	
SL040A S WW	Black	7W	3000K	18	413	59	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473

7W 7W



Coastal protected

IP65

IP65 ideal for outdoor areas

GUARANTEE

7 years

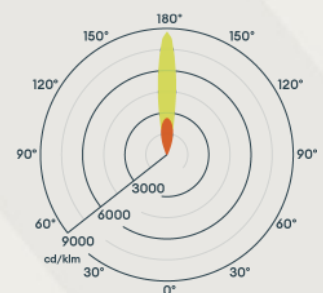
BENEFITS

Long spike included for extra stability

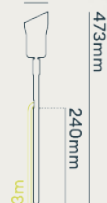
Robust cable for outdoor use

Hooded for reduced glare

BEAM (°): **18, 38**



Ø57mm



SPIKE LIGHTS



Switchable driver option for quick and easy installation



Coastal protected



IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Tiltable for flexible lighting direction to help suit any installation

SDCM3 ensuring uniform light appearance and consistency

Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles



SL220 LOW VOLTAGE

Low Voltage LED Spike light

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	Fixed
Dimmable	None
Input	150mA / 250mA / 350mA / 500mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Inrush Current	0.07ms 5.2A
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
SELV	Yes
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam (°)	150MA			700MA			Energy
			W	lm	Lm/W	W	lm	Lm/W	
SL220SS27XF	2700K	40	0.8W (150mA)	129	161	4.6W (700mA)	515	112	A B E
SL220SS27XS	2700K	12	0.8W (150mA)	129	161	4.6W (700mA)	515	112	A B E
SL220SS30XF	3000K	40	0.8W (150mA)	130	163	4.6W (700mA)	520	113	A B E
SL220SS30XS	3000K	12	0.8W (150mA)	130	163	4.6W (700mA)	520	113	A B E
SL220SS40XF	4000K	40	0.8W (150mA)	134	168	4.6W (700mA)	538	117	A B E
SL220SS40XS	4000K	12	0.8W (150mA)	134	168	4.6W (700mA)	538	117	A B E

In the part code to replace your colour, change SS to BK (Black). Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

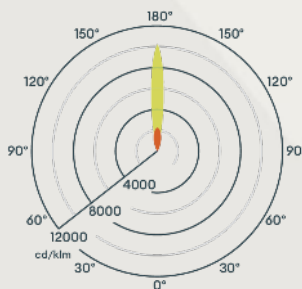
COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

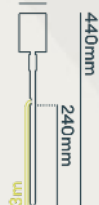
ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472

BEAM (°): 12, 40



Ø62.5mm





SL220 MAINS

Mains Voltage LED Spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Inrush Current	0.07ms 5.2A
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	90	Ambient Temperature	55°C
Rotation Angle (°)	Fixed	SELV	Yes
Dimmable	None	Electric Class	I
Input	220-240V AC	Earth Leakage	0.1mA
LED Life	L70 70,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
SL220SS27MS	5.7W	2700K	12	515	90	A B E
SL220SS30MS	5.7W	3000K	12	520	91	A B E
SL220SS40MF	5.7W	4000K	40	538	94	A B E
SL220SS40MS	5.7W	4000K	12	538	94	A B E

In the part code to replace your colour, change SS to BK (Black). Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 6mm)

ACCESSORIES		
JB5	Gel filled waterproof junction box	472
GH220	Low-glare, tapered hood	259
GS220	Low-glare, cylindrical snoot	259

5.7W 5.7W

 Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

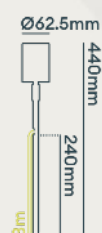
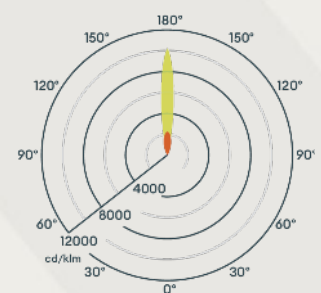
Tiltable for flexible lighting direction to help suit any installation

SDCM3 ensuring uniform light appearance and consistency

Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles

BEAM (°): 12, 40



SPIKE LIGHTS

2.2W or 4.4W 2.2W at 350mA or 4.6W at 700mA

 Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles

Choose from a range of hoods for reduced glare.



GH220B



GS220B

SL230 SINGLE HEAD

Low voltage single head LED spike light

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	330
Dimmable	None
Input	350mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	50°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam (°)	350MA			700MA			Energy
				W	lm	Lm/W	W	lm	Lm/W	
SLX230SHA30	Anthracite	3000K	40	2.2W	300	136	4.6W	520	113	
SLX230SHB30	Black	3000K	40	2.2W	300	136	4.6W	520	113	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

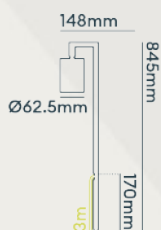
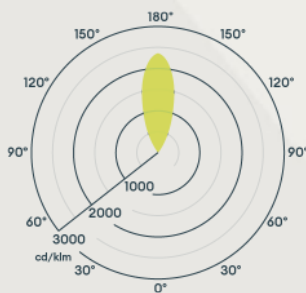
COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

GH220	Low-glare, tapered hood	259
GS220	Low-glare, cylindrical snout	259
JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472

BEAM (°): 40





SL230 SINGLE HEAD MAINS

Mains voltage single head LED spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Inrush Current	60A 37µs (SLM230SH_...)
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium
Tilt Angle (°)	90	Suitable For Coastal Areas	Yes
Rotation Angle (°)	330	Ambient Temperature	50°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
SLM230SHA30	Anthracite	5.7W	3000K	40	520	91	
SLM230SHB30	Black	5.7W	3000K	40	520	91	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES		
GH220	Low-glare, tapered hood	259
GS220	Low-glare, cylindrical snoot	259
JB5	Gel filled waterproof junction box	472

5.7W 5.7W

Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

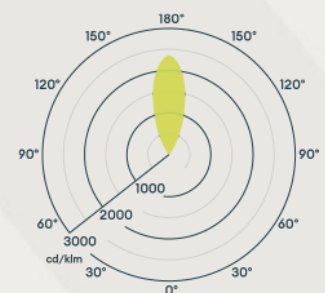
High efficacy of 91lm/W

Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles

Choose from a range of hoods for reduced glare.

BEAM (°): 40



SPIKE LIGHTS

4.4W or 9.2W 4.4W at 350mA or 9.2W at 700mA

 Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Adjustable pole-mounted twin heads are perfect for illuminating paths, steps and trees

Easily ground mounted with spiked pole and single cable for quick installation

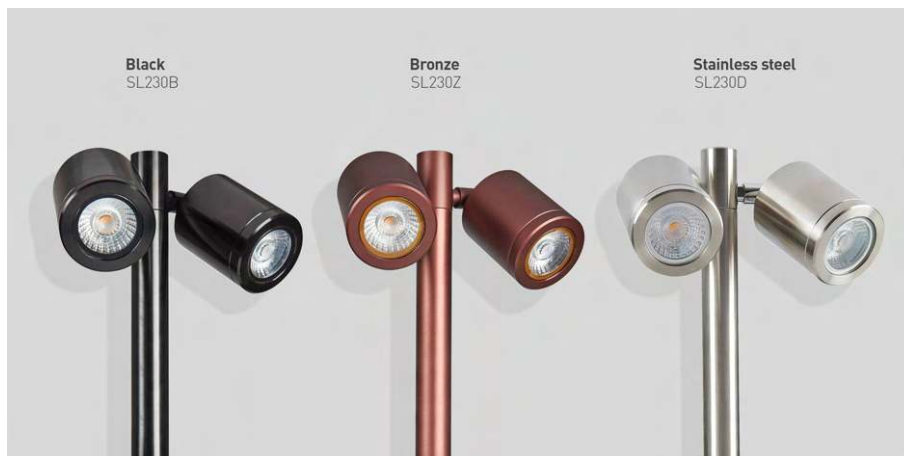
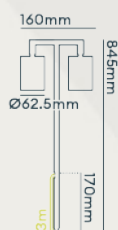
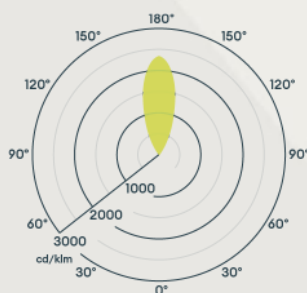
Elegant and discreet black and bronze finishes

Highly efficiency of 114lm/W

Discreet cabling

Additional accessories also available such as hoods and snoots

BEAM (°): 40



SL230

Low voltage LED twin pole spike light

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	330
Dimmable	None
Input	350mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Floor
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam (°)	350MA			700MA			Energy
				W	lm	Lm/W	W	lm	Lm/W	
SL230BWBX27	Black	2700K	40	4.4W	580	135	9.2W	1030	111	
SL230BWBX30	Black	3000K	40	4.4W	580	140	9.2W	1030	112	
SL230DWBX30	Stainless Steel	3000K	40	4.4W	580	140	9.2W	1030	112	
SL230ZWBX27	Bronze	2700K	40	4.4W	580	135	9.2W	1030	111	
SL230ZWBX30	Bronze	3000K	40	4.4W	600	140	9.2W	1040	112	

WIRING INFORMATION

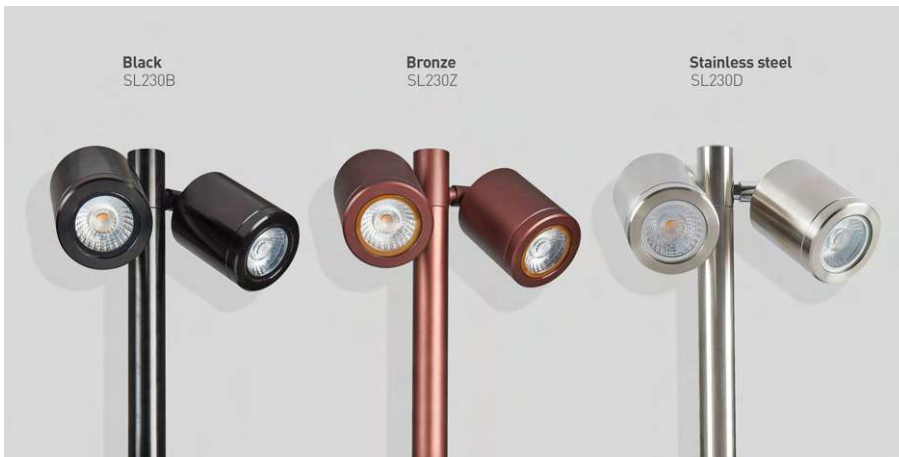
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

ACCESSORIES

GH220	Low-glare, tapered hood	259
GS220	Low-glare, cylindrical snoot	259
JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472



SL230 MAINS

Mains voltage LED twin pole spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Inrush Current	120A 37µs
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	90	Ambient Temperature	35°C
Rotation Angle (°)	330	SELV	Yes
Dimmable	None	Mounting Options	Floor
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
SL230BWBM27	Black	11.4W	2700K	40	1030	2 x 90	A E
SL230BWBM30	Black	11.4W	3000K	40	1040	2 x 91	A E
SL230DWBM27	Stainless Steel	11.4W	2700K	40	1030	2 x 90	A E
SL230DWBM30	Stainless Steel	11.4W	3000K	40	1040	2 x 91	A E
SL230ZWBM30	Bronze	11.4W	3000K	40	1040	2 x 91	A E

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES		
GH220	Low-glare, tapered hood	259
GS220	Low-glare, cylindrical snoot	259
JB5	Gel filled waterproof junction box	472

11.4W 11.4W

 Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Adjustable pole-mounted twin heads are perfect for illuminating paths, steps and trees

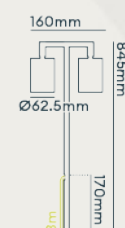
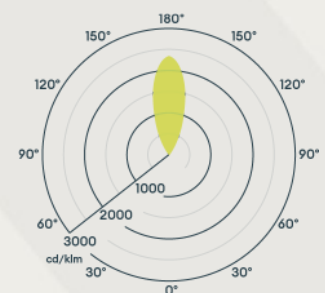
Easily ground mounted with spiked pole and single cable for quick installation

Elegant and discreet black and bronze finishes

Mains voltage for easy installation

Highly efficiency of 93lm/W

BEAM (°): 40





SPIKE LIGHT ACCESSORIES

Choose The Ideal Accessory For Your Spike Light

Lower the glare of your spike light for visual comfort and improving it's effect on wildlife.

GH220

GS220

Accessory on its own



Accessory on product



PRODUCT CODES

Product Code	Finish	Description	Guarantee
GH220B	Black	Low-glare, tapered hood	7 year extended warranty
GH220D	Stainless steel 316	Low-glare, tapered hood	7 year extended warranty
GH220Z	Bronze	Low-glare, tapered hood	7 year extended warranty
GS220B	Black	Low-glare, cylindrical snoot	7 year extended warranty
GS220D	Stainless steel 316	Low-glare, cylindrical snoot	7 year extended warranty
GS220Z	Bronze	Low-glare, cylindrical snoot	7 year extended warranty

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	SL030	SL040A	SL220	SL220 Mains
GH220B	X	X	●	●
GH220D	X	X	●	●
GH220Z	X	X	●	●
GS220B	X	X	●	●
GS220D	X	X	●	●
GS220Z	X	X	●	●

SPIKE LIGHTS



Switchable between 2200K and 3000K



360° even light distribution



IP66 ideal for outdoor areas

GUARANTEE

5 years

BENEFITS

Installation spike included with product

Water ingress protection device included in cable

Can be dimmable based on driver used

A full range of aesthetical and installation accessories available

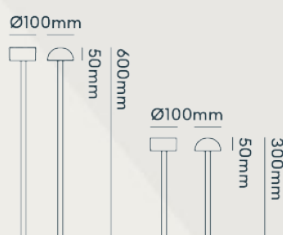
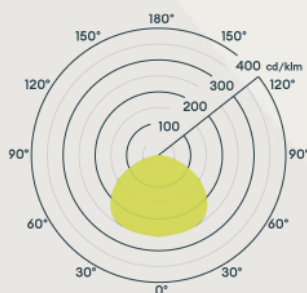
DC in Product Code = Domed Cover

FC in Product Code = Flat Cover

Product is delivered with Cover and Installation Spike as standard

Our anodised finish offers high corrosion resistance and excellent coastal protection, proven by a 1000hr salt mist test

BEAM (°): 120



SPYDRA

CCT colour switchable LED low voltage spike light

FEATURES

IP Rating	IP66
Colour Flexibility	Switchable CCT
Tilt Angle (°)	Fixed
Dimmable	None
Input	700mA DC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Inrush Current	N/A
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-20-40°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

W	Colour	Beam (°)	lm	Lm/W	Energy
3W	2200K	120	240	60	
	3000K		310	77	
6.5W	2200K	120	450	56	
	3000K		580	73	

Default Settings: 3000K colour temperature, 24W power consumption. Energy rating is a reflection of the LED light source.

PRODUCT CODES

SPYA3DCS	300mm Domed Grey	SPYA6DCS	600mm Domed Grey
SPYB3DCS	300mm Domed Black	SPYB6DCS	600mm Domed Black
SPYA3FCS	300mm Flat Grey	SPYA6FCS	600mm Flat Grey
SPYB3FCS	300mm Flat Black	SPYB6FCS	600mm Flat Black

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

ACCESSORIES

SPYBASEA	Spydra Base Plate for surface mounting, Grey	261
SPYBASEB	Spydra Base Plate for surface mounting, Black	261
SPYDCOVA	Spydra Domed Cover Round, Grey	261
SPYDCOV B	Spydra Domed Cover Round, Black	261
SPYFCOVA	Spydra Flat Cover, Grey	261
SPYFCOV B	Spydra Flat Cover, Black	261
SPYSPIKE	Spydra Spike Kit Accessory	261

SPYDRA ACCESSORIES

Choose The Ideal Accessory For Your Spydra Light

Choose the ideal aesthetic and mounting options.



PRODUCT CODES

Product Code	Description
SPYBASEA	Spydra Base Plate for surface mounting, Grey
SPYBASEB	Spydra Base Plate for surface mounting, Black
SPYDCOVA	Spydra Domed Cover Round, Grey
SPYDCOVB	Spydra Domed Cover Round, Black
SPYFCOVA	Spydra Flat Cover, Grey
SPYFCOVB	Spydra Flat Cover, Black

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	SPYA3DCS	SPYA3FCS	SPYB3DCS	SPYB3FCS	SPYA6DCS	SPYA6FCS	SPYB6DCS	SPYB6FCS
SPYBASEA	●	●	✗	✗	●	●	✗	✗
SPYBASEB	✗	✗	●	●	✗	✗	●	●
SPYDCOVA	●	●	✗	✗	●	●	✗	✗
SPYDCOVB	✗	✗	●	●	✗	✗	●	●
SPYFCOVA	●	●	✗	✗	●	●	✗	✗
SPYFCOVB	✗	✗	●	●	✗	✗	●	●

FEATURE LIGHTS



FEATURE LIGHTS

A Flexible Solution

MADE TO ORDER

		UL010	UL030
Finish / Material	Antique Brass	●	●
	Black	●	●
	Bronze	●	●
	Stainless Steel	●	●
Beam Angle	Spot	X	●
	Flood	●	●
Lit Effect	Clear Glass	●	●
	Frosted Glass	X	X
	Honeycomb Low-Glare	●	●
	Half Moon Glass	X	X
CCT	2200K	●	●
	2700K	●	●
	3000K	●	●
	4000K	●	●
Low Voltage Option		●	●

FLEXIBILITY

With a 360° rotation and 180° tilt, our UL010 and UL030 lights provide ultimate flexibility with the ability to be pointed in any direction, illuminating the areas you want to showcase.

360° rotation

This is achieved with an adjustable bracket at the base of the product.



180° tiltable

Using the bracket directly attached to the product, the light can be tilted upwards and downwards.



MOUNT ANYWHERE

Designed with flexibility in mind, our fittings can be mounted on to most surfaces. The screw-in structure allows for attaching to a hard surface securely, where recessing a light is impossible.



OUTPUT OPTIONS

Both products have a narrow beam which means punchy illumination from a neat and compact fitting. As each installation is unique, it may require a high or low output fitting.

High output

The UL030 is ideal for general illumination.



Low output

The UL010 works well for subtle feature illumination.



LIGHTING EFFECT

A number of effects can be created when strategically lighting water and water features.

Backlighting waterfalls

Adding lighting to the soothing sound of a waterfall can create a calm and peaceful atmosphere.



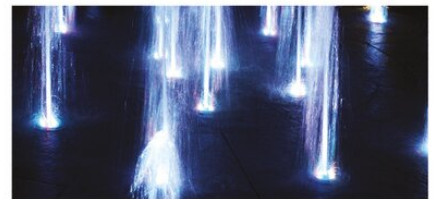
Reflections

Indirectly illuminate by up lighting surrounding shrubs and trees; unique reflections will be cast into the water.



Highlighting water features

Maintain maximum visual impact after the sun sets by using spot lighting to highlight water features.



ADDING DEPTH TO YOUR LANDSCAPE

Highlighting water features can add significant depth and appeal to the overall landscape design.



COASTAL PROTECTION

Our UL010 and UL030 products completely protected from the effects of rust and salt water corrosion. This includes our marine-grade 316 and antique brass finish.



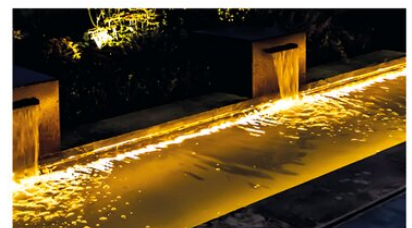
SUBMERSIBLE FITTINGS

Our Collingwood patented technology ensures that our UL010 and UL030 IP68 rated feature lights are completely air tight and can be used under water.



THE RIPPLE EFFECTS

As water moves and ripples, the light moves with it. This adds a sense of motion and fluidity to your scheme and sparks visual interest.



FEATURE LIGHTS



Switchable driver option for quick and easy installation



Coastal Protected



IP68 ideal for outdoor areas and under water lighting

GUARANTEE

7 years

BENEFITS

Single LED and lens combination for maximum efficiency and optimal light distribution

Complete with wall fixings

Tilt & rotate for adjusting light

Available in an array of colours

Long lifetime of 70,000hrs



UL030

High output universal LED light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel
Tilt Angle (°)	360	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	55°C
Sensor	None	Electric Class	III
Dimmable	None	Constant Current	Yes
Input	150mA / 250mA / 350mA / 500mA / 700mA DC		
LED Life	L70 70,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C		150MA		700MA					
Product Code	Colour	Beam (°)	W	Im	Lm/W	W	Im	Lm/W	Energy
UL030SS22XF	2200K	40	0.85W (150mA)	108	135	4.6W (700mA)	431	94	
UL030SS22XS	2200K	12	0.85W (150mA)	108	135	4.6W (700mA)	431	94	
UL030SS27XF	2700K	40	0.85W (150mA)	129	161	4.6W (700mA)	515	112	
UL030SS27XS	2700K	12	0.85W (150mA)	129	161	4.6W (700mA)	515	112	
UL030SS30XF	3000K	40	0.85W (150mA)	130	163	4.6W (700mA)	520	113	
UL030SS30XS	3000K	12	0.85W (150mA)	130	163	4.6W (700mA)	520	113	
UL030SS40XF	4000K	40	0.85W (150mA)	134	168	4.6W (700mA)	538	117	
UL030SS40XS	4000K	12	0.85W (150mA)	134	168	4.6W (700mA)	538	117	

In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Made to order variants available in 2200K and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

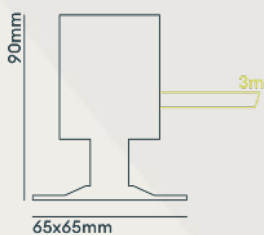
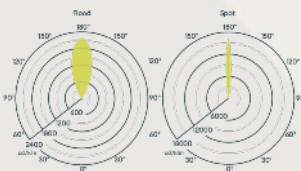
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 458-459 for complete LED driver offer

BEAM (°): 12, 40





UL010

Universal LED light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel
Tilt Angle (°)	360	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	55°C
Sensor	None	Electric Class	III
Dimmable	None	Constant Current	Yes
Input	150mA / 250mA / 350mA / 500mA / 700mA DC		
LED Life	L70 70,000h		
CRI	CRi>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C		150MA		700MA					
Product Code	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
UL010SS22XF	2200K	40	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
UL010SS27XF	2700K	40	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
UL010SS30XF	3000K	40	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
UL010SS40XF	4000K	40	0.4W (150mA)	60	143	2.2W (700mA)	234	106	

In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Made to order variants available in 2200K and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 458-459 for complete LED driver offer

ACCESSORIES		
JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
WCR 275 BLACK	2-core rubber cable	473

Switchable driver option for quick and easy installation

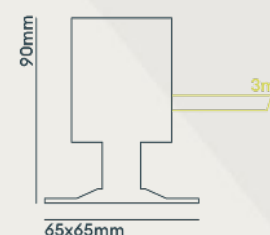
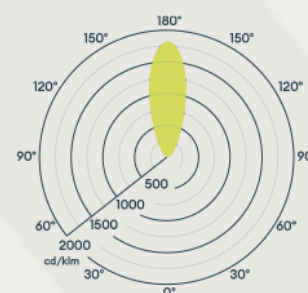
Coastal Protected

IP68 IP68 ideal for outdoor areas and under water lighting

GUARANTEE
7 years

BENEFITS
Complete with wall fixings
Robust cable for use outdoors
Tilt & rotate for adjusting light
Available in an array of colours
Long lifetime of 70,000hrs

BEAM (°): 40



BOLLARD





BESPOKE WOODEN BOLLARDS



Purpose Built In Great Britain, For Your Installation

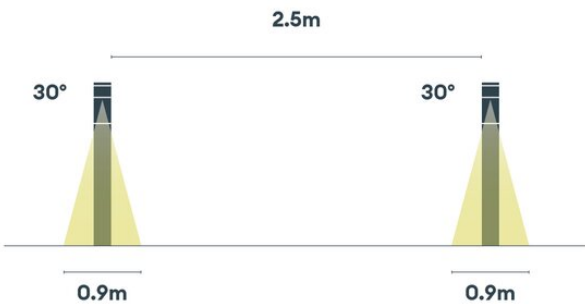
SINGLE LED BOLLARD

Use the single LED bollard to add new lighting to existing pathways, gardens or shared spaces. The remote SELV power supply provides increased flexibility when fitting. Long distances of cable can be concealed within trunking.

Bollards are often purposely positioned in a uniformed capacity to highlight a walkway; however, they can also be integrated into a landscape feature, maximising the overall design of the space.



For a pathway with consistent points highlighted:

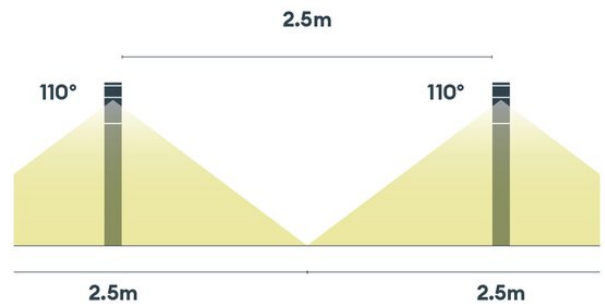


TRIPLE LED BOLLARD

Using an integral power supply, this direct to mains bollard is ideal for replacing existing bollard lighting, which may be looking tired or in need of replacement. It is easy to retrofit using existing cables or as part of a new build, where cables can easily be installed with minimum impact. Using three LEDs instead of one and with a wider beam angle, these products are capable of being positioned at greater distances whilst still creating an even spread of light.



For a pathway consistently lit at 30 lux:



CHOICE OF MATERIAL

Choose from three beautifully crafted woods to obtain the ideal aesthetic for your bollard.



CHOICE OF STYLE

Choose from three unique styles to suit your installation.



COLOUR TEMPERATURE

Choose between three available colour temperatures.

2700K



3000K



4000K

















SINGLE LIGHTING REGULATIONS

We are making the wooden bollards more serviceable. The change is a simple one with beneficial impact: there will be a removable back plate so that the control gear and light modules can be accessed and replaced if necessary. On bottom cable entry, the panel goes all the way to the floor, with three brass countersunk screws holding it in place, and the side entry models has the removable plate up to the cable entry.

CHOOSING THE IDEAL WOODEN BOLLARD

Use the five easy steps below to ascertain the perfect bollard for your installation.

<p>Do you need a bollard with single or triple LEDs?</p>	<p>Single LED Bollard</p> 	<p>Single LED Bollard</p> 	
<p>Which style head would you like?</p>	<p>Domed</p> 	<p>Chamfered</p> 	<p>Pointed</p> 
<p>Which type of wood do you prefer?</p>	<p>Iroko</p> 	<p>Oak</p> 	<p>Sapele</p> 
<p>Will the bollard be recessed or surface mounted?</p>	<p>Recessed Mount</p> <p>Side cable entry is required for recess mounting.</p> 	<p>Surface Mount</p> <p>Base cable entry is required for surface mounting.</p> 	<p>When surface mounting you will also need a bracket.</p> <p>Product code: BOL LED BRACKET</p> 
<p>Which colour temperature do you need?</p>	<p>2700K</p> 	<p>3000K</p> 	<p>4000K</p> 

Now you've determined what you'll need, use the product code generator on the next page to obtain the correct product code.

BESPOKE WOODEN BOLLARDS

Purpose Built In Great Britain, For Your Installation



USE THE GENERATOR BELOW TO BUILD YOUR WOODEN BOLLARDS PRODUCT CODE BASED ON THE ATTRIBUTES YOU HAVE SELECTED

The example shown is for a single LED with base cable entry, 2700K, iroko wood, domed head bollard, resulting in the partcode BL01DIB27. You can change each element to represent the bollard you need.

1	2	3	4	5	6
B L	0 1	D	I	B	2 7
	0 3	F	O	S	3 0
		P	S		4 0

1 Product type	2 Single / Triple LED	3 Style
BL Bollard	01 Single LED 03 Triple LED	D Domed F Chamfered P Pointed
4 Material	5 Cable entry	6 Colour temperature
I Iroko wood O Oak wood S Sapele wood	B Base entry S Side entry	27 2700K 30 3000K 40 4000K

COMMERCIAL OUTDOOR

Choosing the ideal Hydra bollard

1 BOLLARD HEADS



Standard - **HYBICONEB**
Photocell - **HYBICONEBPC**



Standard - **HYBICONES**
Photocell - **HYBICONESPC**



Standard - **HYBIOPALW**
Photocell - **HYBIOPALWPC**

2 BOLLARD POST & GROUND KIT



HYBIBOLLARD*
Including post, base and
ground fixing kit

3 GROUND FIXING OPTIONS



HYBIBOLTKIT
Concrete



HYBIBOOTKIT
Soft ground

4 180° SPILL LIGHT KIT



HYBISPILLKIT
Transforms your 360° light
into a 180° light output

* This is required for your bollard installation, unless you are fitting the head to an existing post of the same diameter.

CCT & Wattage switchable: one light, two CCT temperatures and three wattage outputs

Hydra colour and wattage switchable bollard allows you to stock 2 colour temperatures (2200K & 3000K) and 3 wattage outputs (14W, 19W & 24W) in 1 product.

2200K



3000K



14W



19W



24W



BOLLARD



1W at 350mA or 700mA



Coastal Protected



IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Choice of wood finishes: Iroko, Sapele or Oak

Pointed, Chamfered or Domed top

Choice of low-voltage or straight-to-mains

Side-entry cable or base-entry cable options

Three colour temperature options: 2700K, 3000K or 4000K



BL01

Low voltage wood

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Bathroom Zone	1
IP Rating	IP65	Construction Material	Iroko Wood
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes (with appropriate treatment)
Sensor	None	Ambient Temperature	35°C
Dimmable	None	Electric Class	III
Input	350mA / 700mA DC	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

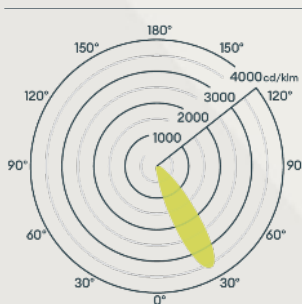
View code matrix on Page 272

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

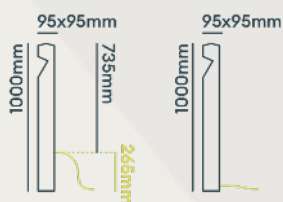
ACCESSORIES

JB2	Waterproof junction box	472
JB4	Gel filled waterproof junction box	472
JB6	Inline IP68 gel filled cable connector	472
WCR 275 BLACK	2-core rubber cable	473
BOL LED BRACKET	Stainless steel bracket for wooden bollard range	276



Recessed mount

Surface mount





5W

5W at 350mA or 700mA



Coastal Protected

IP65

IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

- Choice of wood finishes: Iroko, Sapele or Oak
- Pointed, Chamfered or Domed top
- Choice of low-voltage or straight-to-mains
- Side-entry cable or base-entry cable options
- Three colour temperature options: 2700K, 3000K or 4000K
- 7 year warranty

BL03

Straight to mains

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Inrush Current	60A 0.037ms
IP Rating	IP65	Suitable For Coastal Areas	Yes (with appropriate treatment)
Colour Flexibility	Single CCT	Ambient Temperature	35°C
Sensor	None	SELV	Yes
Dimmable	None	Electric Class	II
Input	220-240V AC	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

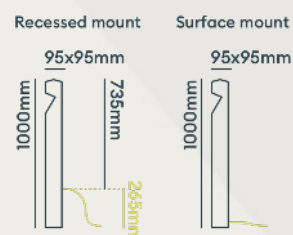
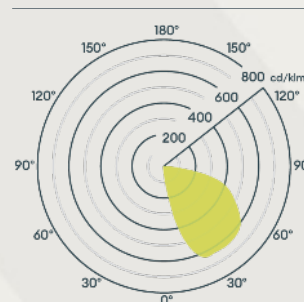
View code matrix on Page 272

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	SY 2 Core PVC Steel Braid Cable

ACCESSORIES

BOL LED BRACKET	Stainless steel bracket for wooden bollard range	472
JB5	Gel filled waterproof junction box	276



BOLLARD ACCESSORIES

Get a mounting bracket

When mounting your bollard onto a solid surface get a mounting bracket.

BOL LED BRACKET

Accessory on its own



Accessory on product



PRODUCT CODES

Product Code	Description	Construction material	Guarantee
BOL LED BRACKET	Stainless steel bracket for wooden bollard range	Stainless steel (304)	1 year extended warranty

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

	BLO1	BLO3
BOL LED BRACKET	●	●



- Switchable between 2700K, 3000K and 4000K
- 360° even light distribution
- IP65 ideal for car parks and walk ways

SLIM CSP BOLLARD

CCT Switchable IP65 Bollard

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Inrush Current	10A 0.4ms
IP Rating	IP65	Construction Material	Aluminium
Colour Flexibility	Switchable CCT	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	-15-30°C
Dimmable	Mains (Leading Edge/ Trailing Edge)	SELV	No
Input	220-240V AC	Building Regulations	Part P & L
LED Life	L80 100,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.032mA
SDCM	SDCM6		

GUARANTEE
5 years

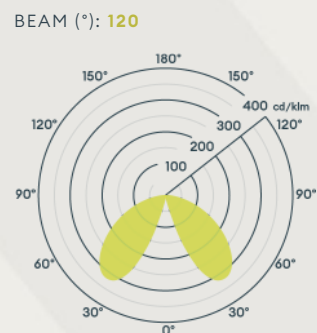
BENEFITS
Choice of colours Black, Anthracite and Corten
Available in 300mm and 600mm sizes
Cable entry through base and expansion bolt installation kit included
IP68 inline connector included

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
BLSAG3RDCS	Anthracite	300mm	14W	2700K	120	720	56	
				3000K		770	62	
				4000K		800	58	
BLSAG6RDCS	Anthracite	600mm	14W	2700K	120	720	56	
				3000K		770	62	
				4000K		800	58	
BLSBK3RDCS	Black	300mm	14W	2700K	120	630	50	
				3000K		660	53	
				4000K		680	50	
BLSBK6RDCS	Black	600mm	14W	2700K	120	630	50	
				3000K		660	53	
				4000K		680	50	
BLSCN3RDCS	Corten	300mm	14W	2700K	120	760	57	
				3000K		735	60	
				4000K		675	55	
BLSCN6RDCS	Corten	600mm	14W	2700K	120	760	57	
				3000K		735	60	
				4000K		675	55	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F 3G 1.0mm ²
Connectable Conductor Cross Section	0.75-2.5mm ²



BOLLARD

IK10 IK10 for a robust fitting

CCT Switchable between 2200K & 3000K

Wattage Switchable between 14W, 19W & 24W

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years

BENEFITS

Interchangeable top head provides easy maintenance

Choice of cone or opal aesthetics & light distribution

CCT switch set to 3000K as default

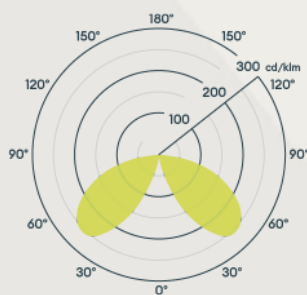
New 2200K to minimise effects of blue light

Must be sold with HYXBOLLARD

Switch live out function with photocell not possible

Photocell option available for dusk to dawn

BEAM (°): 360



Ø160mm



HYDRA BOLLARD BLACK REFLECTOR

Interchangeable top head bollard

FEATURES

Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	N/A
Inrush Current	30A 0.15ms
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-45°C
SELV	No
Building Regulations	N/A
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
HYBICONEB	Black - Black	Standard	14W	2200K	360	1000	71	-	A
				3000K		1150	82	-	
			19W	2200K		1400	74	-	
				3000K		1500	79	-	
			24W	2200K		1700	71	-	
				3000K		1800	75	-	
HYBICONEBPC	Black - Black	Photocell	14W	2200K	360	1000	71	-	A
				3000K		1150	82	-	
			19W	2200K		1400	74	-	
				3000K		1500	79	-	
			24W	2200K		1700	71	-	
				3000K		1800	75	-	

Default Settings: 3000K colour temperature. Add EM to end of partcode for emergency version.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

HYXBOLLARD	Post with included route mount kit for soft ground	281
HYXBOLTKIT	Expansion bolt kit for Hydra Bollard	281
HYBXROOTKIT	Root mounting kit for Hydra Bollard	281



IK10 for a robust fitting



CCT Switchable between 2200K & 3000K



Wattage Switchable between 14W, 19W & 24W

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years

BENEFITS

- Interchangeable top head provides easy maintenance
- Choice of cone or opal aesthetics & light distribution
- CCT switch set to 3000K as default
- New 2200K to minimise effects of blue light
- Must be sold with HYBxBOLLARD
- Switch live out function with photocell not possible
- Photocell option available for dusk to dawn

HYDRA BOLLARD OPAL WHITE

Interchangeable top head bollard

FEATURES	
Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None

INSTALLATION INFORMATION	
Bathroom Zone	N/A
Inrush Current	30A 0.15ms
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-45°C
SELV	No
Building Regulations	N/A
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

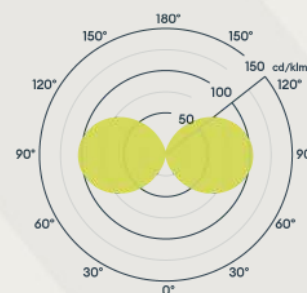
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
HYBIOPALW	Black - White	Standard	14W	2200K	360	1050	75	-	A B D
				3000K		1200	86	-	
			19W	2200K		1450	76	-	
				3000K		1550	82	-	
			24W	2200K		1750	73	-	
				3000K		1900	79	-	
HYBIOPALWPC	Black - White	Photocell	14W	2200K	360	1050	75	-	A B D
				3000K		1200	86	-	
			19W	2200K		1450	76	-	
				3000K		1550	82	-	
			24W	2200K		1750	73	-	
				3000K		1900	79	-	

Default Settings: 3000K colour temperature. Add EM to end of partcode for emergency version.

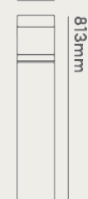
WIRING INFORMATION	
Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES		
HYBxBOLLARD	Post with included route mount kit for soft ground	281
HYBxBOLTKIT	Expansion bolt kit for Hydra Bollard	281
HYBXR00TKIT	Root mounting kit for Hydra Bollard	281

BEAM (°): 360



Ø160mm



BOLLARD

IK10 IK10 for a robust fitting

CCT Switchable between 2200K & 3000K

Wattage Switchable between 14W, 19W & 24W

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years

BENEFITS

Interchangeable top head provides easy maintenance

Choice of cone or opal aesthetics & light distribution

CCT switch set to 3000K as default

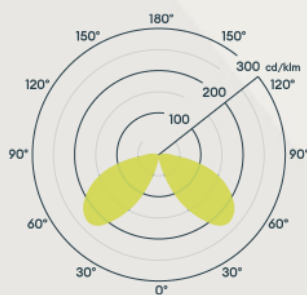
New 2200K to minimise effects of blue light

Must be sold with HYXBOLLARD

Switch live out function with photocell not possible

Photocell option available for dusk to dawn

BEAM (°): 360



Ø160mm



HYDRA BOLLARD SILVER REFLECTOR

Interchangeable top head bollard

FEATURES

Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	N/A
Inrush Current	30A 0.15ms
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-45°C
SELV	No
Building Regulations	N/A
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
HYBICONES	Black - Silver	Standard	14W	2200K	360	1300	93	-	A B D
				3000K		1500	107	-	
			19W	2200K		1800	95	-	
				3000K		1950	103	-	
			24W	2200K		2250	94	-	
				3000K		2400	100	-	
HYBICONESPC	Black - Silver	Photocell	14W	2200K	360	1300	93	-	A B D
				3000K		1500	107	-	
			19W	2200K		1800	95	-	
				3000K		1950	103	-	
			24W	2200K		2250	94	-	
				3000K		2400	100	-	

Default Settings: 3000K colour temperature. Add EM to end of partcode for emergency version.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

HYXBOLLARD	Post with included route mount kit for soft ground	281
HYXBOLTKIT	Expansion bolt kit for Hydra Bollard	281
HYBXROOTKIT	Root mounting kit for Hydra Bollard	281

HYDRA ACCESSORIES

Get a mounting bracket

When ordering your bollard head, you must order HYBxBOLLARD (post and ground kit)
See other accessories below



PRODUCT CODES

Product Code	Description	Guarantee
HYBxBOLLARD	Post with ground kit for Hydra Bollard	5 Years
HYBxBOLTKIT	Expansion bolt kit for Hydra Bollard	5 Years
HYBxROOTKIT	Root mounting kit for Hydra Bollard	5 Years
HYBxSPILLKIT	Spill light kit for Hydra Bollard	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Hyrda Black HYB1CONEB	Hyrda Black - Photocell HYB1CONEBPC	Hyrda Silver HYB1CONES	Hyrda Silver - Photocell HYB1CONESPC	Hyrda Opal White HYB1OPALW	Hyrda Opal White - Photocell HYB1OPALWPC
HYBxBOLLARD	●	●	●	●	●	●
HYBxBOLTKIT	●	●	●	●	●	●
HYBxROOTKIT	●	●	●	●	●	●
HYBxSPILLKIT	●	●	●	●	●	●

WALL WASH



UPLIGHTS

To create exceptionally lit environments

CHOOSING THE RIGHT BEAM ANGLE

Our uplighting range is ideal for creating an array of effects; whether you are adding grandeur to buildings, highlighting intricate architectural features or drawing guests to an entrance, we have a solution for many applications.

60° beam

This wide beam is perfect for creating a wash of light on flat surfaces or to illuminate surfaces from further away.

30° beam

Some architectural features require mid-level lighting and the 30° beam is perfect for this, allowing a swathe of light to be cast across a dedicated area.

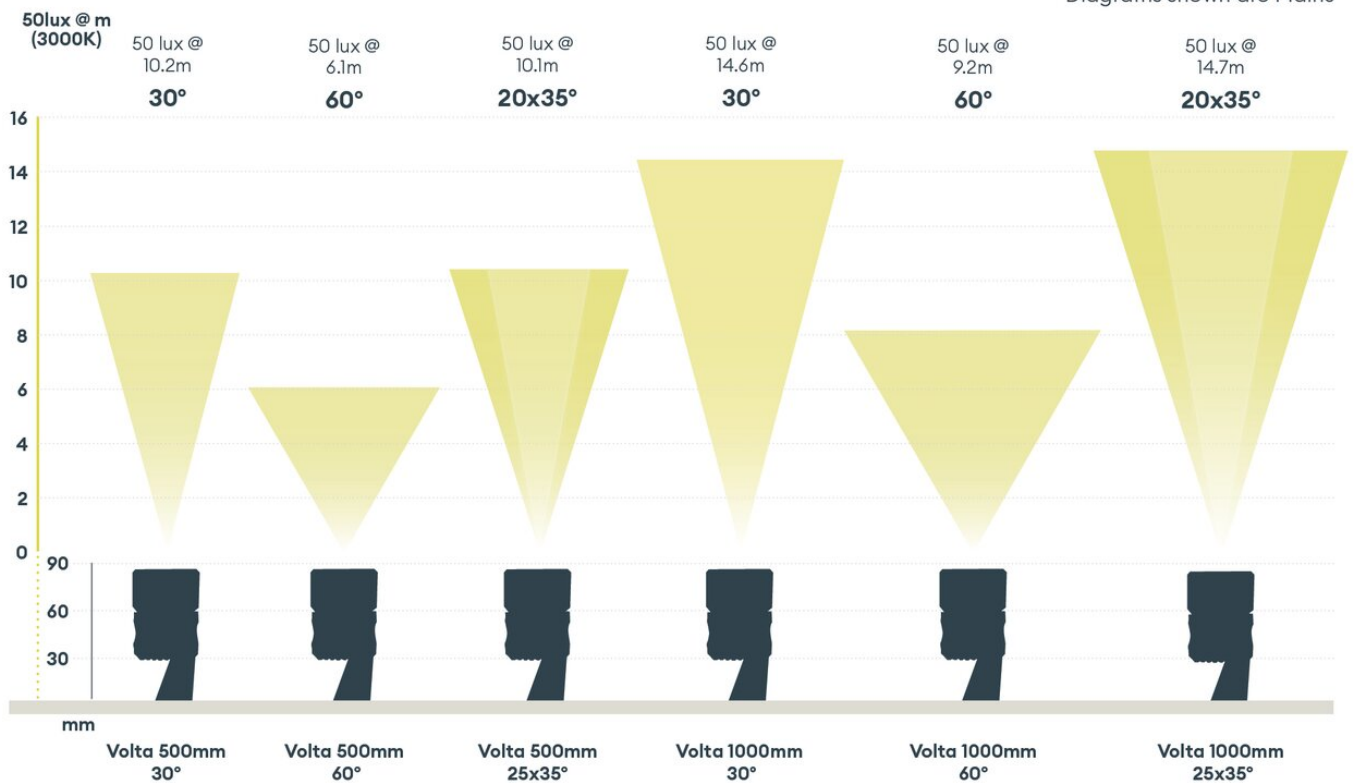
25x35° beam

Choose the asymmetric 25x35° beam for a more directed beam of light, perfect for walls and entrances.



CHOOSING THE IDEAL SIZE AND OUTPUT

Diagrams shown are Mains



QUICK AND EASY INSTALLATION

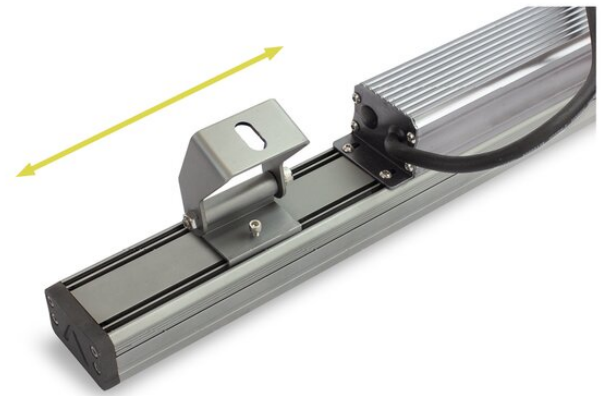
Flexible installation

The maximum distance between products using fly leads is 330mm. If you require further space between products, Volta is supplied with two additional connectors, male and female to allow flexibility to increase distance between fittings at installation. Additional cables not supplied.



Adjustable brackets

Fully flexible first-fix bracket. Slides at each end of the product and can be attached anywhere.



IP65

Built for the toughest of environments

High water and dust resistance. Durable and versatile, the Volta uplights are IP65 rated and are suitable for outdoors.



7 YEAR WARRANTY

Offering a seven-year warranty, so you can be assured of our commitment to quality.



COASTAL PROTECTION

Rust & salt mist protection

With corrosion resistant protection and coastal protective paint, our floodlights are perfect for use in coastal areas.

Advantages

- Feel confident you can install these uplights anywhere.
- Can be installed into coastal areas without any worry of products failing.



WALL WASH

21W 21W

IP65 IP65 ideal for outdoor environments

 Suitable for use in coastal applications

GUARANTEE

7 years

BENEFITS

Plug and play through-wire install method

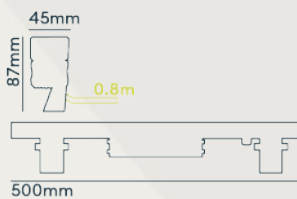
Supplied with waterproof connectors for fast install

3000K and 2700K range with choice of 2000 or 4200 lumen output

Narrow beam 30°, Wide beam 60° or Asymmetrical 20x35°

Also available in 1000mm

BEAM (°): **20x35**, **30**, **60**



VOLTA 500MM

Wall washing light bar

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK04	Bathroom Zone	1
IP Rating	IP65	Inrush Current	0.56A 18.8ms
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium
Tilt Angle (°)	180	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	50°C
Dimmable	Mains (Leading Edge/ Trailing Edge)	SELV	Yes
Input	220-240V AC	Mounting Options	Ceiling, Wall
LED Life	L70 50,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
LL500AT27	21W	2700K	20x35	2000	95	A A E
LL500AT30	21W	3000K	20x35	2000	95	A A E
LL500MT27	21W	2700K	30	2000	95	A A E
LL500MT30	21W	3000K	30	2000	95	A A E
LL500WT27	21W	2700K	60	2000	95	A A E
LL500WT30	21W	3000K	60	2000	95	A A E

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

**40W**

40W

IP65

IP65 ideal for outdoor environments



Suitable for use in coastal applications

GUARANTEE

7 years

BENEFITS

Plug and play through-wire install method

Supplied with waterproof connectors for fast install

3000K and 2700K range with choice of 2000 or 4200 lumen output

Narrow beam 30°, Wide beam 60° or Asymmetrical 20x35°

Also available in 500mm

VOLTA 1000MM

Wall washing light bar

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK04	Bathroom Zone	1
IP Rating	IP65	Inrush Current	15A ≤10µs
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium
Tilt Angle (°)	180	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	50°C
Dimmable	Mains (Leading Edge/ Trailing Edge)	SELV	Yes
Input	220-240V AC	Mounting Options	Ceiling, Wall
LED Life	L70 50,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

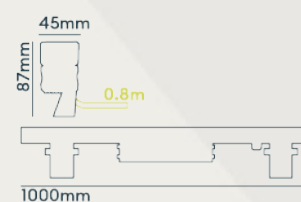
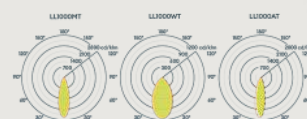
PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
LLI000AT27	40W	2700K	20x35	4200	105	
LLI000AT30	40W	3000K	20x35	4200	105	
LLI000MT27	40W	2700K	30	4200	105	
LLI000MT30	40W	3000K	30	4200	105	
LLI000WT27	40W	2700K	60	4200	105	
LLI000WT30	40W	3000K	60	4200	105	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

BEAM (°): 20x35, 30, 60



BULKHEAD



BULKHEADS & WALL LIGHTS

Functional Illumination

BULKHEADS

CCT switchable: one light, three CCT temperatures

Our range of colour switchable bulkheads allows you to stock 3 colour temperatures in 1 product.
WL95 Versa (3000K, 4000K & 6000K)
WL94 (3000K, 4000K & 6500K)
Caddy (3000K, 4000K & 6500K)

Advantages

- Simpler product range.
- Products can be adjusted after they are installed.

3000K



4000K



6000K / 6500K



Wattage switchable: one light, three wattage outputs

Our **Caddy** and **WL95 Versa** range of wattage switchable bulkhead allows you to stock 3 wattage outputs in 1 product.

Advantages

- Simpler product range.
- Products can be adjusted after they are installed.

Lower output



Medium output



Higher output

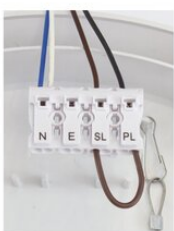


QUICK & EASY INSTALLATION

Quick Wiring (Caddy & WL95 Versa)

Caddy and **WL95 Versa** bulkheads comes with detachable push-fit terminals for convenient wiring, 4 way conduit entry points, BESA mountable and packaged for quick & easy installation.

Detachable
Push-fit terminal



4 x Conduit
entry points



Packed in the
correct order to
install



Quick Wiring (WL94)

WL94 bulkhead come with push-fit terminals and detachable bracket for quick & easy installation.

Push-fit
terminals



Removable twist
and lock panel
for easy access



Simply push the
quick release
button to detach
the bracket

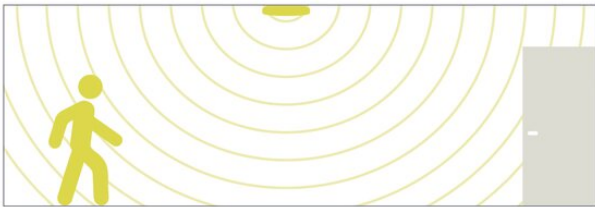


MICROWAVE STEP-DIM SENSOR

The sensor detects movement from up to 6 meters away and allows the user to set up two step-dim parameters, reducing the light output during stand-by period, saving energy whilst maintaining ambient illuminance for a prolonged period, until turns off, offering full control of the luminaire light output and the time it is on.

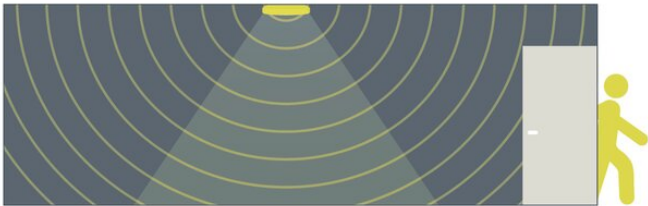
Sufficient daylight

With sufficient daylight, even when movement detected, light remains off.



Hold time

After last detection, light will be dimmed down to stand-by dimming level.



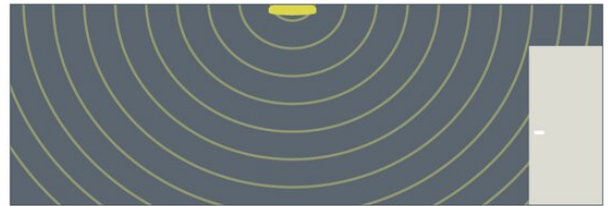
Insufficient daylight

With insufficient daylight, when movement detected, light turns on.



Stand-by period

After stand-by dimming level period, light turns off.



Plug & Play Kits

Caddy and **WL95 Versa** bulkheads are compatible with Plug & Play kits to quickly and easily transform your bulkhead into an emergency fitting or add a sensor.

Plug & Play kits available

Product Code	Description	Compatible With
WLKITPC	Photocell plug-in kit	WL95 Versa
WLKITMWS	Microwave Sensor On/Off plug-in kit	WL95 Versa
WLKITMANEM	Manual-test emergency plug-in	WL95 Versa
WLKITSELFEM	Self-test emergency plug-in	WL95 Versa
WLKITDALIEM	DALI-2-test emergency plug-in (Assembled by Collingwood production)	WL95 Versa
WLKITMS	Microwave Sensor On/Off plug-in kit	Caddy
WLKITSD	Microwave Sensor Step-Dim plug-in kit	Caddy

IP44 OR IP65

IP44 bulkheads are ideal for indoor areas and IP65 bulkheads are perfect for outdoor use.



WL94



Caddy & WL95 Versa

BULKHEAD



CCT switchable between 3000K, 4000K & 6000K



Wattage switchable options from 5W to 20W



IK09 for impact protection

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

IP65 suitable for use outside under a canopy

Slim depth of just 80mm

Ultra efficient up to 156 Lm/W for fast paybacks

4-way conduit entry points & BESA

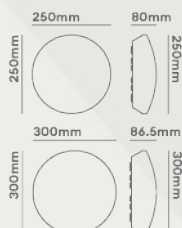
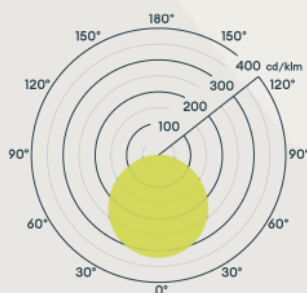
Detachable terminal block for convenient wiring

Modular design for tool-less installation

Versabox plug and play kit range to accommodate project requirements

WLKITMWS microwave sensor is commissioned with a remote control to aid easy adjustment of settings once installation is complete. Use UNREMOEMWS.

BEAM (°): 115



WL95V 250MM 5-8W WHITE

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

FEATURES

Impact Strength	IK09
IP Rating	IP65
Colour Flexibility	Switchable CCT
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM4

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Bathroom Zone	2
Inrush Current	8W: 14A 0.12ms, 20W: 25A 0.26ms
Construction Material	ABS
Ambient Temperature	-20-40°C
Building Regulations	Part L
Mounting Options	Ceiling, Wall
Electric Class	II

PHOTOMETRICS @ 25°C

W	Colour	Beam (°)	lm	Lm/W	Energy
5W	3000K	115	700	140	
	4000K		750	150	
	6000K		750	150	
6.5W	3000K		950	146	
	4000K		1000	154	
	6000K		1000	154	
8W	3000K	1200	150		
	4000K	1250	156		
	6000K	1250	156		

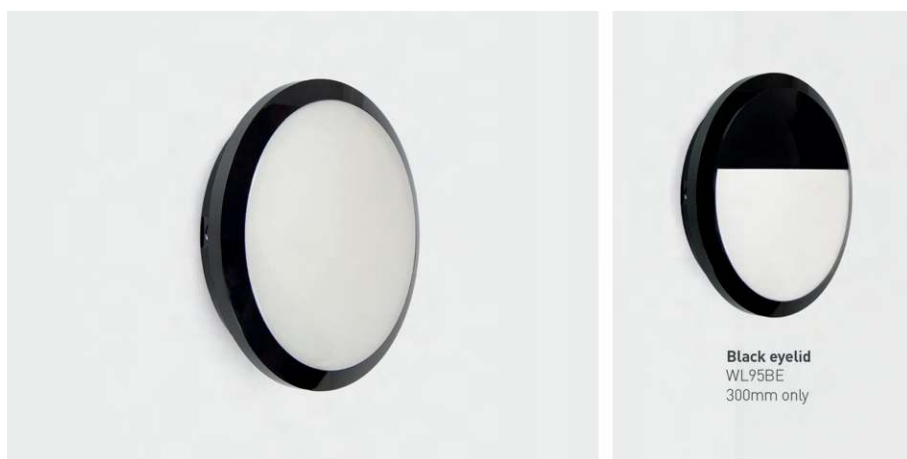
Default Settings: 4000K colour temperature, 8W power consumption.

PRODUCT CODES

WL95W2DCS	250mm DALI-2	WL95W2NEMCS	250mm On-Off Manual Emergency	WL95W2NMEMCS	250mm On-Off Microwave Manual Emergency
WL95W2NCS	250mm On-Off	WL95W2NMCS	250mm On-Off Microwave	WL95W2NPCS	250mm On-Off Photocell
WL95W2NECS	250mm On-Off Self Test Emergency	WL95W2NMECS	250mm On-Off Microwave Self Test Emergency	WL95W2NPECS	250mm On-Off Photocell Manual Emergency

WIRING INFORMATION

Type Of Wiring Required	Parallel
Conductor Cross Section	2.5mm ²



CCT switchable between 3000K, 4000K & 6000K



Wattage switchable options from 5W to 20W



IK09 for impact protection

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

IP65 suitable for use outside under a canopy

Slim depth of just 80mm

Ultra efficient up to 156 lm/W for fast paybacks

4-way conduit entry points & BESA

Detachable terminal block for convenient wiring

Modular design for tool-less installation

Versabox plug and play kit range to accommodate project requirements

WLKITMWS microwave sensor is commissioned with a remote control to aid easy adjustment of settings once installation is complete. Use UNRE MOTEMWS.

WL95V 250MM 5-8W BLACK

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK09	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP65	Bathroom Zone	2
Colour Flexibility	Switchable CCT	Inrush Current	8W: 14A 0.12ms, 20W: 25A 0.26ms
Input	220-240V AC	Construction Material	ABS
LED Life	L70 50,000h	Ambient Temperature	-20-40°C
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM4	Mounting Options	Ceiling, Wall
		Electric Class	II

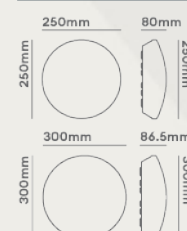
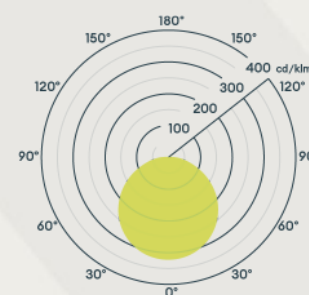
PHOTOMETRICS @ 25°C					
W	Colour	Beam (°)	lm	Lm/W	Energy
5W	3000K	115	700	140	
	4000K		750	150	
	6000K		750	150	
6.5W	3000K	115	950	146	
	4000K		1000	154	
	6000K		1000	154	
8W	3000K	115	1200	150	
	4000K		1250	156	
	6000K		1250	156	

Default Settings: 4000K colour temperature, 8W power consumption.

PRODUCT CODES					
WL95B2DCS	250mm DALI-2	WL95B2NEMCS	250mm On-Off Manual Emergency	WL95B2NMEMCS	250mm On-Off Microwave Manual Emergency
WL95B2NCS	250mm On-Off	WL95B2NMCS	250mm On-Off Microwave	WL95B2NPCS	250mm On-Off Photocell
WL95B2NECS	250mm On-Off Self Test Emergency	WL95B2NMECS	250mm On-Off Microwave Self Test Emergency	WL95B2NPEMCS	250mm On-Off Photocell Manual Emergency

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Conductor Cross Section	2.5mm ²

BEAM (°): 115



BULKHEAD



CCT switchable between 3000K, 4000K & 6000K



Wattage switchable options from 5W to 20W



IK09 for impact protection

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

IP65 suitable for use outside under a canopy

Slim depth of just 80mm

Ultra efficient up to 156 Lm/W for fast paybacks

4-way conduit entry points & BESA

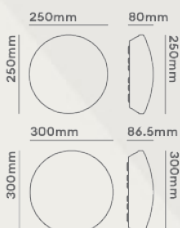
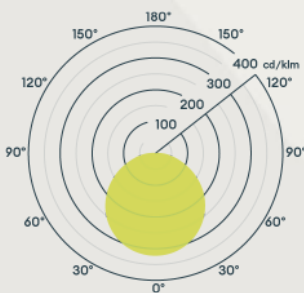
Detachable terminal block for convenient wiring

Modular design for tool-less installation

Versabox plug and play kit range to accommodate project requirements

WLKITMWS microwave sensor is commissioned with a remote control to aid easy adjustment of settings once installation is complete. Use UNREMOEMWS.

BEAM (°): 115



WL95V 300MM 10-20W WHITE

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK09	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP65	Bathroom Zone	2
Colour Flexibility	Switchable CCT	Inrush Current	8W: 14A 0.12ms, 20W: 25A 0.26ms
Input	220-240V AC	Construction Material	ABS
LED Life	L70 50,000h	Ambient Temperature	-20-40°C
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM4	Mounting Options	Ceiling, Wall
		Electric Class	II

PHOTOMETRICS @ 25°C

W	Colour	Beam (°)	lm	Lm/W	Energy
10W	3000K	115	1450	140	
	4000K		1500	150	
	6000K		1500	150	
15W	3000K		2100	140	
	4000K		2200	147	
	6000K		2200	147	
20W	3000K	2800	140		
	4000K	3000	150		
	6000K	3000	150		

Default Settings: 4000K colour temperature, 20W power consumption.

PRODUCT CODES

WL95W3DCS	300mm DALI-2	WL95W3NEMCS	300mm On-Off Manual Emergency	WL95W3NMEMCS	300mm On-Off Microwave Manual Emergency
WL95W3DEDCS	300mm DALI-2 Emergency	WL95W3NMCS	300mm On-Off Microwave	WL95W3NPCS	300mm On-Off Photocell
WL95W3NCS	300mm On-Off	WL95W3NMECS	300mm On-Off Microwave Self Test Emergency	WL95W3NPEMCS	300mm On-Off Photocell Manual Emergency

WIRING INFORMATION

Type Of Wiring Required	Parallel
Conductor Cross Section	2.5mm ²



CCT switchable between 3000K, 4000K & 6000K



Wattage switchable options from 5W to 20W



IK09 for impact protection

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

- IP65 suitable for use outside under a canopy
- Slim depth of just 80mm
- Ultra efficient up to 156 lm/W for fast paybacks
- 4-way conduit entry points & BESA
- Detachable terminal block for convenient wiring
- Modular design for tool-less installation
- Versabox plug and play kit range to accommodate project requirements
- WLKITMWS microwave sensor is commissioned with a remote control to aid easy adjustment of settings once installation is complete. Use UNRE MOTEMWS.

WL95V 300MM 10-20W BLACK

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK09	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP65	Bathroom Zone	2
Colour Flexibility	Switchable CCT	Inrush Current	8W: 14A 0.12ms, 20W: 25A 0.26ms
Input	220-240V AC	Construction Material	ABS
LED Life	L70 50,000h	Ambient Temperature	-20-40°C
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM4	Mounting Options	Ceiling, Wall
		Electric Class	II

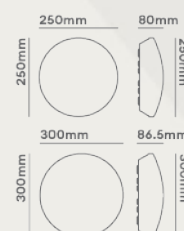
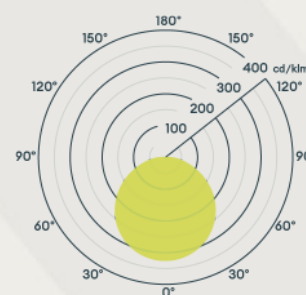
PHOTOMETRICS @ 25°C					
W	Colour	Beam (°)	lm	Lm/W	Energy
10W	3000K	115	1450	140	
	4000K		1500	150	
	6000K		1500	150	
15W	3000K		2100	140	
	4000K		2200	147	
	6000K		2200	147	
20W	3000K	2800	140		
	4000K	3000	150		
	6000K	3000	150		

Default Settings: 4000K colour temperature, 20W power consumption.

PRODUCT CODES					
WL95B3DCS	300mm DALI-2	WL95B3NEMCS	300mm On-Off Manual Emergency	WL95B3NMEMCS	300mm On-Off Microwave Manual Emergency
WL95B3DEDCS	300mm DALI-2 Emergency	WL95B3NMCS	300mm On-Off Microwave	WL95B3NPSC	300mm On-Off Photocell
WL95B3NCS	300mm On-Off	WL95B3NMECS	300mm On-Off Microwave Self Test Emergency	WL95B3NPEMCS	300mm On-Off Photocell Manual Emergency
WL95B3NECS	300mm On-Off Self Test Emergency				

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Conductor Cross Section	2.5mm ²

BEAM (°): 115



BULKHEAD ACCESSORIES

Choose The Ideal Accessories For Your Bulkhead

Create the functionality and lit effect you need for your installation.



PRODUCT CODES

Product Code	Finish	Description	Guarantee
WLKITPC	-	Photocell plug-in kit	5 Years
WLKITMWS	-	Microwave Sensor On/Off plug-in kit	5 Years
WLKITMANEM	-	Manual-test emergency plug-in	5 Years
WLKITSELFEM	-	Self-test emergency plug-in	5 Years
WLKITDALIEM	-	DALI-2-test emergency plug-in (Assembled by Collingwood production)	5 Years
WL95BEW	White	WL95 Bulkhead accessory - White eyelid (300mm only)	5 Years
WL95BE	Black	WL95 Bulkhead accessory - Black eyelid (300mm only)	5 Years
WLKITMS	-	Microwave Sensor On/Off plug-in kit	5 Years
WLKITSD	-	Microwave Sensor Step-Dim plug-in kit	5 Years
WL77WE	White	White eyelid accessory	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Caddy	WL95 Versa
WLKITPC	X	●
WLKITMWS	X	●
WLKITMANEM	X	●
WLKITSELFEM	X	●
WLKITDALIEM	X	●
WL95BEW (300mm only)	X	●
WL95BE (300mm only)	X	●
WLKITMS	●	X
WLKITSD	●	X
WL77WE	●	X



CADDY

Colour & wattage switchable multi-purpose bulkhead

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP65	Inrush Current	14.9mA 252uS
Colour Flexibility	Switchable CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	-20-45°C
LED Life	L80 50,000h	Building Regulations	Part L
CRI	CRi>80	Mounting Options	Ceiling,Wall
SDCM	SDCM6	Electric Class	II
Emergency Option	Manual-Test,Self-Test		

PHOTOMETRICS @ 25°C						
Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
White	9W	3000K	120	1125	125	
		4000K		1150	128	
		6000K		1150	128	
	12W	3000K		1525	127	
		4000K		1550	129	
		6000K		1550	129	
	16W	3000K		2040	128	
		4000K		2080	130	
		6000K		2080	130	

PRODUCT CODES			
WL77WCC	On-Off	WL77WCCEM	Emergency

WIRING INFORMATION	
Type Of Wiring Required	Parallel

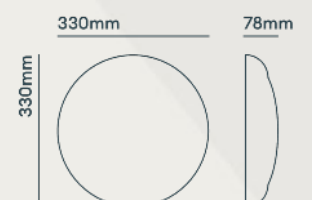
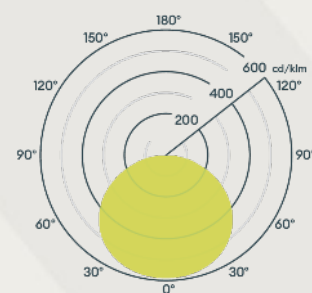
ACCESSORIES	
WL77KITMS	Caddy Plug-in Kit, Microwave Sensor Master Slave
WL77KITSD	Caddy Plug-in Kit, Microwave Sensor Step Dim
WL77WE	Caddy White Eyelid
ACREMOTEMWS	Remote for Microwave Sensor

- IP65** IP65 suitable for use outside
- IK10** IK10
- Wattage & CCT Switchable

GUARANTEE
 Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

- BENEFITS**
- Slim depth of just 75mm
 - Sensor Live-out terminal for master slave operation
 - 4-way conduit entry points & BESA
 - Plug and play sensors to accommodate project requirements
 - Hinged gear tray for ease of installation
 - High efficacy, up to 130lm/W
 - Anti-tamper mechanism built into diffuser
 - Emergency luminaire with dual manual & self test capability - select via switch

BEAM (°): 120



BULKHEAD



CCT switchable between 3000K, 4000K & 6500K



Quick and easy installation bracket



Emergency option available

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

High efficacy of 110lm/W

IP44 rating: suitable for use in kitchens and bathrooms.

Diffuser design makes a halo effect on the wall or ceiling

Easy access push fit terminals

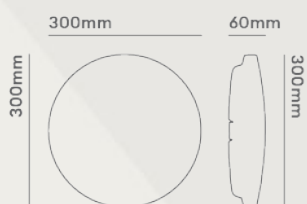
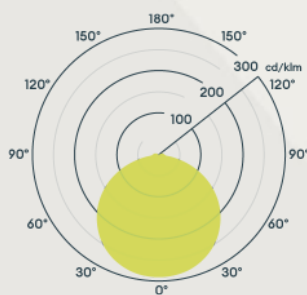
Innovative clip-on bracket design

Straight to mains

Microwave step-dim dusk-down sensor, which is programmable by dip switches, saving energy by having it on only when needed

Flicker free, resulting in a more comfortable setting

BEAM (°): 120



WL94 10W

IP44 LED slim decorative Bulkhead

FEATURES

Impact Strength	IK07
IP Rating	IP44
Colour Flexibility	Switchable CCT
Sensor	On-Off
Dimmable	None
Input	220-240V AC
LED Life	L70 35,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Manual-Test

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Bathroom Zone	2
Inrush Current	13.5A 100µs
Construction Material	Galvanised Steel, PC
Ambient Temperature	-20-40°C
Mounting Options	Ceiling, Wall
Electric Class	II

PHOTOMETRICS @ 25°C


Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
WL9410CCS	White	Emergency Microwave sensor	10W	3000K	120	1000	100	220	
				4000K		1100	110	220	
				6500K		1100	110	220	
WL9410ECS	White	Emergency	10W	3000K	120	1000	100	220	
				4000K		1100	110	220	
				6500K		1100	110	220	
WL9410MCS	White	Microwave sensor	10W	3000K	120	1000	100	-	
				4000K		1100	110	-	
				6500K		1100	110	-	
WL9410SCS	White	Standard	10W	3000K	120	1000	100	-	
				4000K		1100	110	-	
				6500K		1100	110	-	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Conductor Cross Section	1.5mm ²



 CCT switchable between 3000K, 4000K & 6500K

 Quick and easy installation bracket

 Emergency option available

WL94 18W

IP44 LED slim decorative Bulkhead

FEATURES	
Impact Strength	IK08
IP Rating	IP44
Colour Flexibility	Switchable CCT
Sensor	On-Off
Dimmable	None
Input	220-240V AC
LED Life	L70 35,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Manual-Test





INSTALLATION INFORMATION	
Install Connector Type	Push-fit terminal connector
Bathroom Zone	2
Inrush Current	11A 110µs
Construction Material	Galvanised Steel, PC
Ambient Temperature	-20-40°C
Mounting Options	Ceiling, Wall
Electric Class	II

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

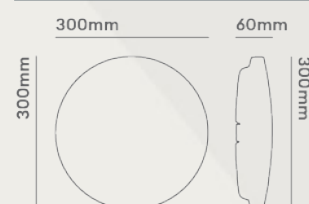
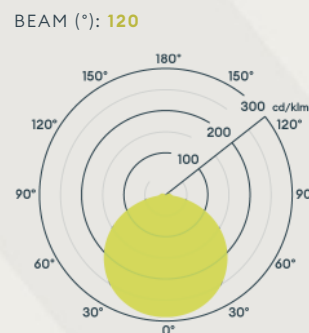
BENEFITS

- High efficacy of 110lm/W
- IP44 rating: suitable for use in kitchens and bathrooms.
- Diffuser design makes a halo effect on the wall or ceiling
- Easy access push fit terminals
- Innovative clip-on bracket design
- Straight to mains
- Microwave step-dim dusk-down sensor, which is programmable by dip switches, saving energy by having it on only when needed
- Flicker free, resulting in a more comfortable setting

PHOTOMETRICS @ 25°C									
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
WL9418CCS	White	Emergency Microwave sensor	18W	3000K	120	1800	100	220	
				4000K		2000	111	220	
				6500K		2000	111	220	
WL9418ECS	White	Emergency	18W	3000K	120	1800	100	220	
				4000K		2000	111	220	
				6500K		2000	111	220	
WL9418MCS	White	Microwave sensor	18W	3000K	120	1800	100	-	
				4000K		2000	111	-	
				6500K		2000	111	-	
WL9418SCS	White	Standard	18W	3000K	120	1800	100	-	
				4000K		2000	111	-	
				6500K		2000	111	-	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Conductor Cross Section	1.5mm ²



BULKHEAD



CCT switchable between 2700K & 3000K (default)



Wattage Switchable between 6,8,10,12, & 15W



Integral photocell as standard

GUARANTEE

5 years

BENEFITS

Custom Optical lens design providing excellent forward throw

0% ULOR (Upward Light Output Ratio) for avoid light pollution

Suitable for coast - C5-M corrosion classification (ISO 9223 : 2012)

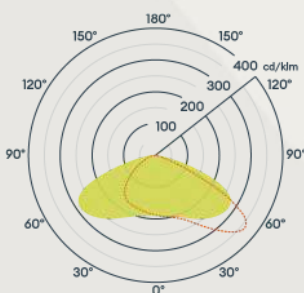
Designed to illuminate a pathway efficiently and safely, whilst preserving the habitat

Integral photocell to switch the light ON at dusk and OFF at dawn

Removeable backplate to aid fast installation

Lumen output in emergency mode is 300lm for both 2700K & 3000K

BEAM (°): 140



293mm

97mm



ARC PRO

0% ULOR Wallpack suitable for mounting heights from 2.5 up to 4 metres

FEATURES

Impact Strength	IK10
IP Rating	IP66
Colour Flexibility	Switchable CCT
Sensor	Photocell
Dimmable	None
Input	220-240V AC
LED Life	L70 54,000h
CRI	CRI>80
SDCM	SDCM4

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Bathroom Zone	2
Inrush Current	23A
Construction Material	PC, Stainless Steel 316, ADC12 Aluminium Alloy
Suitable For Coastal Areas	Yes
Ambient Temperature	-30-50°C
Mounting Options	Wall
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy					
ARPBIN	Black	Standard	6W	2700K	140x170	850	142	A++					
				3000K		850	142						
			8W	2700K		1100	138						
				3000K		1100	138						
			10W	2700K		1400	127						
				3000K		1400	127						
			12W	2700K		1650	138						
				3000K		1650	138						
			15W	2700K		2000	133						
				3000K		2000	133						
			ARPBINE	Black		Emergency	6W		2700K	140x170	850	142	A++
									3000K		850	142	
8W	2700K	1100			138								
	3000K	1100			138								
10W	2700K	1400			127								
	3000K	1400			127								
12W	2700K	1650			138								
	3000K	1650			138								
15W	2700K	2000			133								
	3000K	2000			133								

WIRING INFORMATION

Type Of Wiring Required	Parallel
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HALO WALL LIGHT 12W

12W Wall Light CSP Switchable

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Loop in / Loop out
IP Rating	IP65	Bathroom Zone	2
Colour Flexibility	Switchable CCT	Inrush Current	7.36A 0.03ms
Dimmable	None	Construction Material	PC
Input	220-240V AC	Suitable For Coastal Areas	Yes
CRI	CRI>80	Ambient Temperature	-20-45°C
SDCM	SDCM6	Mounting Options	Wall
		Electric Class	II

PHOTOMETRICS @ 25°C										
Product Code	Finish	Type	W	Colour	Beam (°)	Im	Lm/W	EM	Energy	
WLHAIM	Anthracite	Microwave sensor	12W	3000K	110	1250	104	-		
				4000K		1300	108	-		
				5700K		1350	113	-		
WLHAIM E	Anthracite	Emergency Microwave sensor	12W	3000K	110	1250	104	200		
				4000K		1300	108	200		
				5700K		1350	113	200		
WLHAIN	Anthracite	Standard	12W	3000K	110	1250	104	-		
				4000K		1300	108	-		
				5700K		1350	113	-		
WLHAIN E	Anthracite	Emergency	12W	3000K	110	1250	104	200		
				4000K		1300	108	200		
				5700K		1350	113	200		

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F
Conductor Cross Section	1mm ²

ACCESSORIES	
WLHAEYE	Halo Wall Light Accessory

- 360-degree lit effect
- IK10 perfect for external use
- CCT switchable between 3000K, 4000K & 5700K

GUARANTEE
5 years

BENEFITS

HALO lit effect provides a 360-degree soft glow around the product to help the entrance of your building create interest and appear welcoming

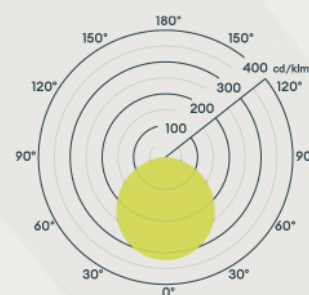
Set to 3000K as standard to minimise low blue light content and disruption to the nocturnal ecosystem

Option to have integral microwave sensor to automatically switch the light OFF during daylight and when there is no presence to save energy

Emergency product (only) features a simple push-button to make it easy to test the battery status

Suitable for use in a coastal application

BEAM (°): 110



Ø275mm 67mm



COMMERCIAL DOWNLIGHT

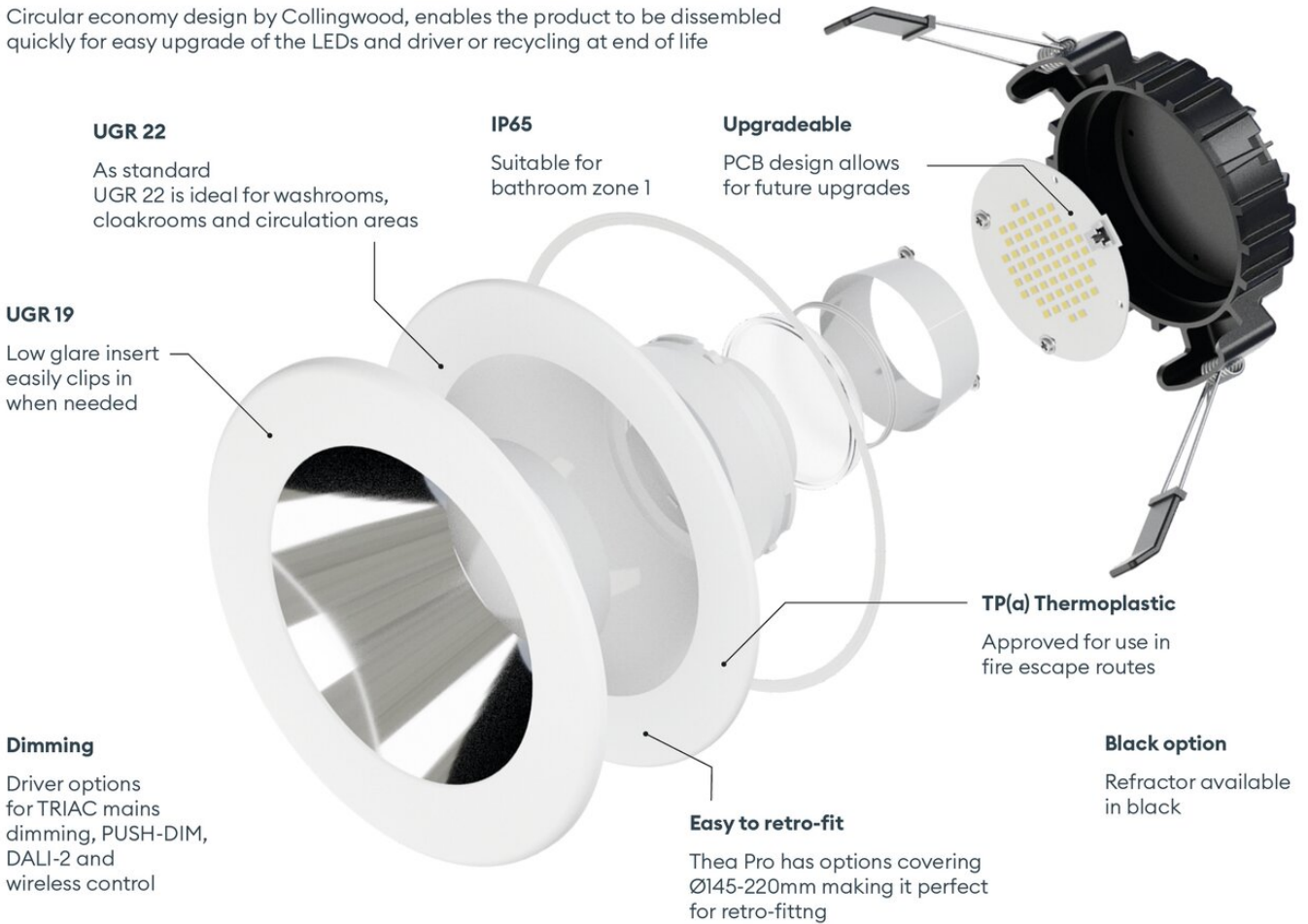


COMMERCIAL DOWNLIGHTS

Modular Design

CIRCULAR ECONOMY BY DESIGN

Circular economy design by Collingwood, enables the product to be disassembled quickly for easy upgrade of the LEDs and driver or recycling at end of life



COLOUR INSERTS

For that personal touch, choosing and matching to a certain decor, is easy with our range of colour inserts on offer.



QUALITY OF LIGHT

Efficiency combined with visual comfort whilst using the UGR19 inset ensures a high performance light for your workers, students and retail applications.



UGR19 low glare with Inset



Up to 142 lumens per watt

ENERGY RATING B

Uses the very latest LED technology to reduce energy costs.



COMMERCIAL DOWNLIGHTS

Modular Design

CCT SWITCHABLE

Easily switch between three colour temperatures by using a conveniently located switch on the integral cable.

3000K



4000K



6500K



DIMMING OPTIONS

As each installation is unique and has individual requirements, choose between mains, DALI-2, 0-10V or PUSH-DIM dimming options.



EMERGENCY PACK OPTIONS

In the event of a power outage, your emergency lighting system will illuminate a safe evacuation route from commercial and high occupancy buildings such as office spaces, hospitals and hotels. The LEDEPI0, LEDEPI0EM and LEDEPI0DA plug & play emergency packs can be used with each product in the range offering a flexible solution to complement any lighting scheme.

IP54 & IP65

IP54 rating, allowing for installation near areas with water, such as bathrooms or water features.



TP(A) RATING

TP(a) thermoplastic rated diffuser.



5 YEAR WARRANTY

Offering a five-year warranty, so you can be assured of our commitment to quality.



COMMERCIAL DOWNLIGHT

142lm/W

Highly efficient 142 Lm/W ensures low running costs

IP65

IP65 protected as standard, suitable for bathroom zone 1

UGR19

UGR19 compliant low glare lighting when insert is used

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Circular economy design by Collingwood, enables the product to be disassembled quickly for easy upgrade of the LEDs and driver or recycling at end of life

TP(a) Thermoplastic

850° Glow Wire Test

2-part first/second fix connector available on request for easy maintenance



THEA PRO 145-180MM

High Performance UGR19 (using insert accessory) Downlight

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
UGR	22
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 80,000h
CRI	CRI>80
SDCM	SDCM4
Emergency Option	None

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
Cut Out Size	145-180mm
Inrush Current	6.9A 0.3ms
Construction Material	ADC12 Aluminium Alloy, PC, PET
TP Rating	TP(a)
Ambient Temperature	-20-40°C
Mounting Options	Frame Recessed
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
THPIN	White	On-Off	10W	4000K	80	1400	140	See Accessories	A B
THPIX	White	Driverless	10W	4000K	80	1400	140	See Accessories	A B
THP2N	White	On-Off	14W	4000K	80	2000	142	See Accessories	A B
THP2X	White	Driverless	14W	4000K	80	2000	142	See Accessories	A B

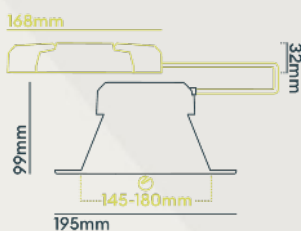
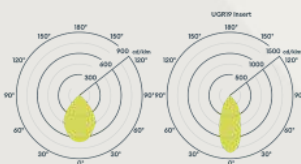
WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

DRV3001050	42W CC Driver, IP20, 300-1050mA, Class II SELV Forward voltage range from 9 to 52Vdc	309
LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained	309
CASDRV10W	Pre-wired with DC jack for plug-in to Panels & Downlights	
CASDRV25W	Pre-wired with DC jack for plug-in to Panels & Downlights	
THP12UGR	Compatible with THP1 + THP2	308
THPIDD	Compatible with THP1	308
THP23DD	Compatible with THP2	308
Thea Pro Colour	Colour Inserts for the Thea Pro Range	

BEAM (°): 80





- 142lm/W** Highly efficient 142 Llm/W ensures low running costs
- IP65** IP65 protected as standard, suitable for bathroom zone 1
- UGR19** UGR19 compliant low glare lighting when insert is used

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Circular economy design by Collingwood, enables the product to be disassembled quickly for easy upgrade of the LEDs and driver or recycling at end of life

TP(a) Thermoplastic
850° Glow Wire Test

2-part first/second fix connector available on request for easy maintenance

THEA PRO 165-200MM

High Performance UGR19 (using insert accessory) Downlight

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Push-fit terminal, loop-in/loop-out
Colour Flexibility	Single CCT	Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
Tilt Angle (°)	Fixed	Inrush Current	10.5A 0.3ms
UGR	22	Construction Material	ADC12 Aluminium Alloy, PC, PET
Sensor	None	TP Rating	TP(a)
Input	220-240V AC	Ambient Temperature	-20-40°C
LED Life	L80 80,000h	Mounting Options	Frame Recessed
CRI	CRI>80	Electric Class	II
SDCM	SDCM4		
Emergency Option	None		
IP Rating (from above)	IP20		

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
THP4N	White	On-Off	14W	4000K	80	2000	142	See Accessories	
			25W	4000K		3500	140		
THP4X	White	Driverless	14W	4000K	80	2000	142	See Accessories	
			25W	4000K		3500	140		

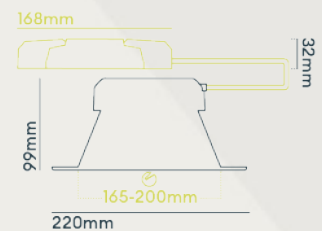
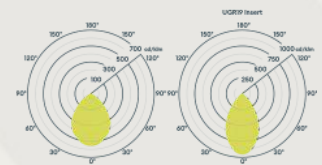
WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

CASDRV45W	Pre-wired with DC jack for plug-in to Panels & Downlights	
DRV3001050	42W CC Driver, IP20, 300-1050mA, Class II SELV Forward voltage range from 9 to 52Vdc	309
LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained	309
THP23DD	Compatible with THP2	308
THP34UGR	Compatible with THP4	308
THP4DD	Compatible with THP4	308

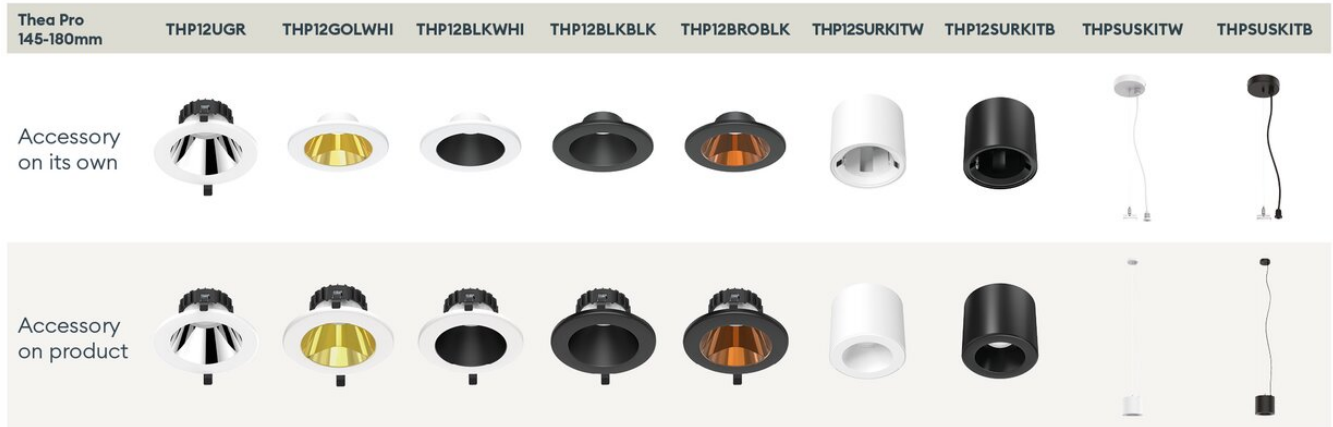
BEAM (°): **80**



THEA PRO ACCESSORIES

Make Your Downlight Perfect For Your Installation

Reduce the UGR rating of your product with our UGR19 Inserts.
Choose a suitable dimming option for your installation with the DALI 2 drivers.



PRODUCT CODES

Product Code	Description	Guarantee
THP12UGR	UGR19 Insert for THP1 + THP2	5 Years
THP12GOLWHI	White bezel with gold baffle insert for THP1 + THP2	5 Years
THP12BLKWHI	White bezel with black baffle insert for THP1 + THP2	5 Years
THP12BLKBLK	Black bezel with black baffle insert for THP1 + THP2	5 Years
THP12BROBLK	Black bezel with bronze baffle insert for THP1 + THP2	5 Years
THP12SURKITW	White surface mounting kit for THP1 + THP1	5 Years
THP12SURKITB	Black surface mounting kit for THP1 + THP2	5 Years
THP34UGR	UGR19 Insert for THP4	5 Years
THP34GOLWHI	White bezel with gold baffle insert for THP4	5 Years
THP34BLKWHI	White bezel with black baffle insert for THP4	5 Years
THP34BLKBLK	Black bezel with black baffle insert for THP4	5 Years
THP34BROBLK	Black bezel with bronze baffle insert Insert for THP4	5 Years
THP34SURKITW	White surface mounting kit for THP4	5 Years
THP34SURKITB	Black surface mounting kit for THP4	5 Years
THPSUSKITW	White suspension kit for THP12SURKITW	5 Years
THPSUSKITB	Black suspension kit for THP12SURKITB	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Thea Pro THP1N	Thea Pro THP1X	Thea Pro THP2N	Thea Pro THP2X	Thea Pro THP4N	Thea Pro THP4X
THP12UGR	●	●	●	●	✗	✗
THP12GOLWHI	●	●	●	●	✗	✗
THP12BLKWHI	●	●	●	●	✗	✗
THP12BLKBLK	●	●	●	●	✗	✗
THP12BROBLK	●	●	●	●	✗	✗
THP34UGR	✗	✗	✗	✗	●	●
THP34GOLWHI	✗	✗	✗	✗	●	●
THP34BLKWHI	✗	✗	✗	✗	●	●
THP34BLKBLK	✗	✗	✗	✗	●	●
THP34BROBLK	✗	✗	✗	✗	●	●



PRODUCT CODES

Product Code	Description	Guarantee
THP1DD	DALI-2 Driver for THP1	5 Years
THP23DD	DALI-2 Driver for THP2	5 Years
THP4DD	DALI-2 Driver for THP4	5 Years
DRV3001050	Constant current driver for THP2 + THP4	5 Years
LEDEP10EM	Emergency pack for converting Thea Pro into emergency manual-test option	5 Years
LEDEP10	Emergency pack for converting Thea Pro into emergency self-test option	5 Years
LEDEP10DA	Emergency pack for converting Thea Pro into DALI emergency self-test option	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Thea Pro THP1N	Thea Pro THP1X	Thea Pro THP2N	Thea Pro THP2X	Thea Pro THP4N	Thea Pro THP4X
THP1DD	●	●	✗	✗	✗	✗
THP23DD	✗	✗	●	●	✗	✗
THP4DD	✗	✗	✗	✗	●	●
DRV3001050	●	●	●	●	●	●
LEDEP10EM	●	●	●	●	●	●
LEDEP10	●	●	●	●	●	●
LEDEP10DA	●	●	●	●	●	●

COMMERCIAL DOWNLIGHT



Colour switchable between 3000K-4000K-6000K



Highly efficient up to 120 Lm/W



Quick and easy install with plug & play connectors

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

UGR27 compliant for comfortable lighting of washrooms, bathrooms, cloakrooms as well as general circulation and stairs

IP54 protection against water splash from any direction

Low 33mm product depth enables product to be used with small ceiling voids

TP(a) Thermoplastic

850° Glow Wire Test



THEA LITE CSP 100MM

Colour Switchable IP54 Downlight

FEATURES

IP Rating	IP54
Colour Flexibility	Switchable CCT
Tilt Angle (°)	Fixed
UGR	27
Sensor	None
Dimmable	0-10V, DALI-2, PUSH-DIM
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None
IP Rating (from above)	IP20

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Insulation Coverable	No
Cut Out Size	100mm
Inrush Current	4.2A 0.128ms
Construction Material	ADC12 Aluminium Alloy, PC, PET
TP Rating	TP(a)
Ambient Temperature	-20-40°C
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
THLIT	White	Mains dimmable	10W	3000K	80	1100	110	
				4000K		1200	120	
				6000K		1200	120	
THLIX	White	DALI-2 / 0-10V / Push-Dim	10W	3000K	80	1100	110	
				4000K		1200	120	
				6000K		1200	120	
THLBIT	Black	Mains dimmable	10W	3000K	80	1000	100	
				4000K		1100	110	
				6000K		1100	110	

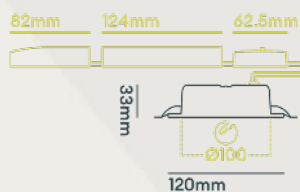
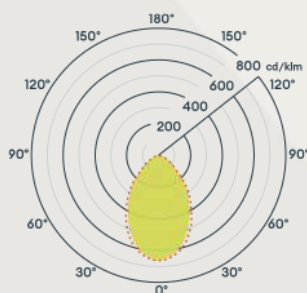
WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained
PS250600MA	one4all design DALI-2, Push-dim, 0-10V
CASDRV25W	Pre-wired with DC jack for plug-in to Panels & Downlights

BEAM (°): 80





-  Colour switchable between 3000K-4000K-6000K
-  120lm/W Highly efficient up to 120 Llm/W
-  Quick and easy install with plug & play connectors

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

UGR25 compliant for comfortable lighting of washrooms, bathrooms, cloakrooms as well as general circulation and stairs

IP54 protection against water splash from any direction

Low 33mm product depth enables product to be used with small ceiling voids

TP(a) Thermoplastic




850° Glow Wire Test

THEA LITE CSP 150MM

Colour Switchable IP54 Downlight

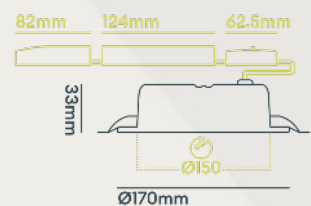
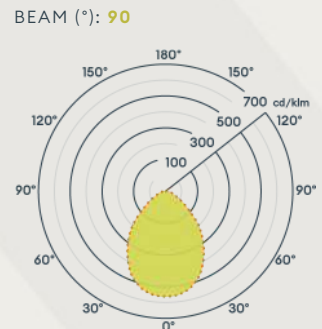
FEATURES	
IP Rating	IP54
Colour Flexibility	Switchable CCT
Tilt Angle (°)	Fixed
UGR	25
Sensor	None
Dimmable	0-10V,DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None
IP Rating (from above)	IP20

INSTALLATION INFORMATION	
Install Connector Type	Push-fit terminal, loop-in/loop-out
Insulation Coverable	No
Cut Out Size	150mm
Inrush Current	1.4A 0.03ms
Construction Material	ADC12 Aluminium Alloy, PC, PET
TP Rating	TP(a)
Ambient Temperature	-20-40°C
Electric Class	II

PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
THL2T	White	Mains dimmable	14W	3000K	90	1550	111	
				4000K		1680	120	
				6500K		1680	120	
THL2X	White	DALI-2 / 0-10V / Push-Dim	14W	3000K	90	1550	111	
				4000K		1680	120	
				6500K		1680	120	
THLB2T	Black	Mains dimmable	14W	3000K	90	1500	107	
				4000K		1600	114	
				6500K		1600	114	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES	
LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained
PS250600MA	one4all design DALI-2, Push-dim, 0-10V
CASDRV25W	Pre-wired with DC jack for plug-in to Panels & Downlights



COMMERCIAL DOWNLIGHT



Colour switchable between 3000K-4000K-6000K



Highly efficient up to 120 Lm/W



Quick and easy install with plug & play connectors

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

UGR25 compliant for comfortable lighting of washrooms, bathrooms, cloakrooms as well as general circulation and stairs

IP54 protection against water splash from any direction

Low 33mm product depth enables product to be used with small ceiling voids

TP(a) Thermoplastic

850° Glow Wire Test



THEA LITE CSP 200MM

Colour Switchable IP54 Downlight

FEATURES

IP Rating	IP54
Colour Flexibility	Switchable CCT
Tilt Angle (°)	Fixed
UGR	25
Sensor	None
Dimmable	0-10V, DALI-2, PUSH-DIM
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None
IP Rating (from above)	IP20

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Insulation Coverable	No
Cut Out Size	200mm
Inrush Current	2.5A 0.03ms
Construction Material	ADC12 Aluminium Alloy, PC, PET
TP Rating	TP(a)
Ambient Temperature	-20-40°C
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
THL3T	White	Mains dimmable	20W	3000K	90	2200	110	
				4000K		2400	120	
				6500K		2400	120	
THL3X	White	DALI-2 / 0-10V / Push-Dim	20W	3000K	90	2200	110	
				4000K		2400	120	
				6500K		2400	120	
THLB3T	Black	Mains dimmable	20W	3000K	90	2050	103	
				4000K		2250	113	
				6500K		2250	113	

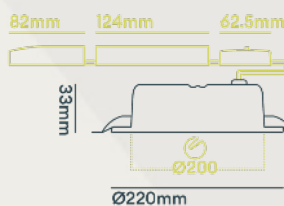
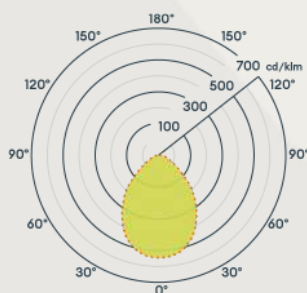
WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained
PS250600MA	one4all design DALI-2, Push-dim, 0-10V
CASDRV25W	Pre-wired with DC jack for plug-in to Panels & Downlights

BEAM (°): 90





Colour switchable between 3000k, 4000K & 6500K



Wattage switchable between 12W & 18W



High efficacy of up to 120lm/W

GUARANTEE

3 years

BENEFITS

Bracket that fits cut-outs from 120 to 200mm, surface mount and Besa box, ideal for any installation requirements

Flicker free, making it comfortable on the eye

Has a slim profile for an aesthetic finish

IP44 rating makes it suitable for use in kitchens and bathrooms

Tool free twist and lock bracket for ease of installation

CDL 12-18W

Colour and wattage switchable commercial downlight

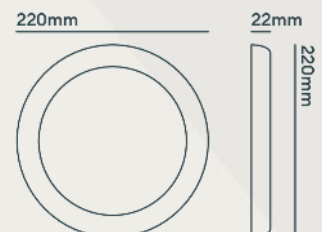
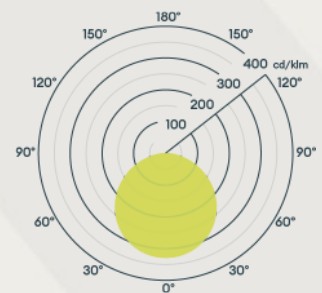
FEATURES		INSTALLATION INFORMATION	
IP Rating	IP44	Install Connector Type	Flying lead
Colour Flexibility	Switchable CCT	Insulation Coverable	No
Tilt Angle (°)	Fixed	Cut Out Size	120-200mm
UGR	27	Inrush Current	12.3A, 0.1ms
Sensor	None	Construction Material	ABS, Nylon, Steel
Dimmable	None	Ambient Temperature	40°C
Input	220-240V AC	Building Regulations	Part P & L
LED Life	L70 50,000h	Electric Class	II
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM6		
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
CDL0218S	Matt White	12W	3000K	110°	1250	104	
			4000K		1450	120	
			6000K		1400	116	
		18W	3000K		1650	92	
			4000K		2000	111	
			6000K		1800	100	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

BEAM (°): 110



COMMERCIAL DOWNLIGHT



Colour switchable between 2700K, 3000K and 4000K



High efficacy of 120lm/W



Insulation coverable

GUARANTEE

Warranty: 7 years
Battery Warranty: 5 years

BENEFITS

Fire-rated in both I-Joist and solid timber ceilings

20° adjustable downlight to adjust direction of light

UGR 18 for low glare

Available in mains dimming or 1-10V

Compatible with magnetic reflectors (sold separately), Supplied with silver reflector

Quick and easy installation with plug and play connector

Emergency version available

When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.



H5 500

Fire-rated, adjustable, colour switchable downlight

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Plug & Play
Colour Flexibility	Switchable CCT	Insulation Coverable	Rolled and blown insulation
Tilt Angle (°)	20	Cut Out Size	110-115mm
Rotation Angle (°)	Fixed	Bathroom Zone	1 (ceiling only)
UGR	18	Inrush Current	1.3A 1ms
Sensor	None	Construction Material	Mild Steel, PC
Input	220-240V AC	Suitable For Coastal Areas	No
LED Life	L70 70,000h	Max Ceiling Thickness	40mm
CRI	CRI>80	Ambient Temperature	-20-40°C
SDCM	SDCM4	SELV	Yes
Emergency Option	None	Building Regulations	Part B, C, E & P
		Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min
		Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
DL507BSM	Brushed Steel	5W	2700K	50	550	110	340	A++
			3000K		560	112	350	
			4000K		600	120	375	
DL507CRM	Polished Chrome	5W	2700K	50	630	126	340	A++
			3000K		650	130	350	
			4000K		730	146	375	
DL507MWM	Matt White	5W	2700K	50	610	122	340	A++
			3000K		630	126	350	
			4000K		710	142	375	

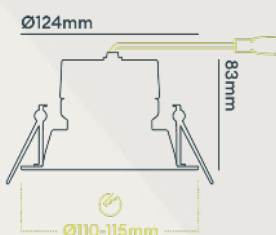
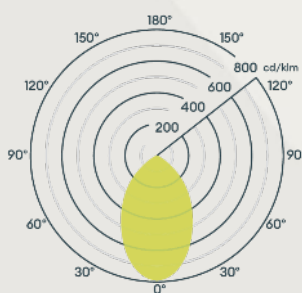
WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

H5REFC	Reflector for H5 downlights	316
H5REFG	Reflector for H5 downlights	316
LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained	316

BEAM (°): 50





Colour switchable between 2700K, 3000K and 4000K



High efficacy of 101lm/W



Insulation coverable

GUARANTEE

Warranty: 7 years
Battery Warranty: 5 years

BENEFITS

- Fire-rated in both I-Joist and solid timber ceilings
- 20° adjustable downlight to adjust direction of light
- UGR 21 for low glare
- Available in mains dimming or 1-10V
- Compatible with magnetic reflectors (sold separately), Supplied with silver reflector
- Quick and easy installation with plug and play connector
- Emergency version available
- When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.

H5 1000

Fire-rated, adjustable, colour switchable downlight

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Install Connector Type	Plug & Play
Colour Flexibility	Switchable CCT	Insulation Coverable	No
Tilt Angle (°)	20	Cut Out Size	110-115mm
Rotation Angle (°)	Fixed	Bathroom Zone	1 (ceiling only)
UGR	21	Inrush Current	2A 30µs
Sensor	None	Construction Material	Mild Steel, PC
Input	220-240V AC	Suitable For Coastal Areas	No
LED Life	L70 70,000h	Max Ceiling Thickness	40mm
CRI	CRI>80	Ambient Temperature	-20-40°C
SDCM	SDCM4	SELV	Yes
Emergency Option	None	Building Regulations	Part B, C, E & P
		Ceiling Joist Approvals	Solid Timber 30/60/90min, I-Joist 30min
		Electric Class	II

PHOTOMETRICS @ 25°C

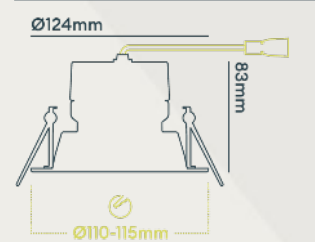
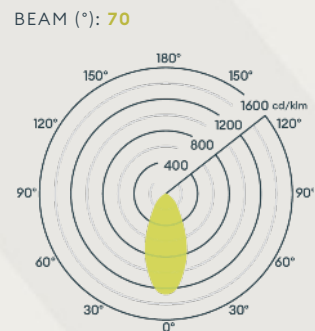
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
DL510BSM	Brushed Steel	10W	2700K	70	950	95	A++
			3000K		960	96	
			4000K		1010	101	
DL510CRM	Polished Chrome	10W	2700K	70	950	95	A++
			3000K		960	96	
			4000K		1010	101	
DL510MWM	Matt White	10W	2700K	70	950	95	A++
			3000K		960	96	
			4000K		1010	101	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

H5REFC	Reflector for H5 downlights	316
H5REFG	Reflector for H5 downlights	316
LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained	316



H5 ACCESSORIES

Choose The Ideal Reflector

H5 reflectors have been innovatively designed so they can be easily replaced at any time, and secured in place by magnets.



PRODUCT CODES

Product Code	Finish	Description	Guarantee
H5REFB	Black	Reflector for H5 downlights	7 Years
H5REFC	Chrome	Reflector for H5 downlights	7 Years
H5REFG	Gold	Reflector for H5 downlights	7 Years
H5REFW	White	Reflector for H5 downlights	7 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	H5 500	H5 1000
H5REFB	●	●
H5REFC	●	●
H5REFG	●	●
H5REFW	●	●



PANELS



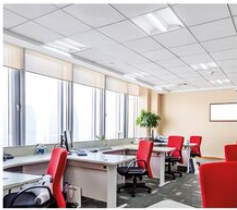
PANELS

Low Glare LED Technology For Commercial Spaces

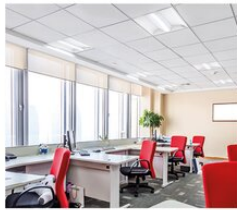
WATTAGE SWITCHABLE

Trinity provides 5 lumen output options within the same SKU so whether you are lighting an office or a corridor, the same product can be used throughout your project.

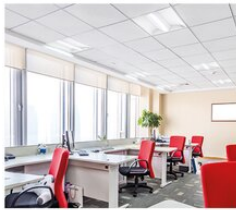
13W



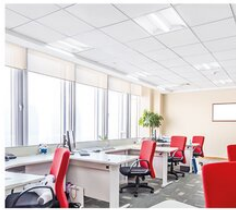
16W



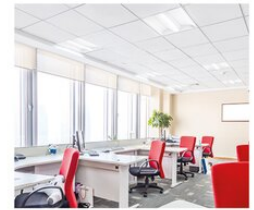
18W



20W



26W



QUALITY OF LIGHT

Efficiency combined with visual comfort ensures a high performance light for your workers, students and retail applications. Direct/Indirect design provides a soft low glare lit effect.



TPA

The TP(a) rated diffuser ensures panels meet fire resistant standards.



ENERGY RATING B

Uses the very latest LED technology to reduce energy costs (refers to light source only).



SENSORS, DRIVERS & EMERGENCY

With a full offering of sensors, drivers and emergency packs, Trinity can fulfill your project requirements.

PIR Sensors

With our PIR sensors, you have the flexibility to choose which sensor you require for your project. On/Off, DALI-2, Step-Dim sensor and Casambi sensor options.



Plug-in Drivers

Offering three types of plug-in drivers, Step-dim (using PWM output) and DALI-2/PUSH-DIM, 0-10V & Casambi.



Emergency options

Convert your product into an emergency option.

LEDEPI0 convert panels into emergency self-test & manual test.

LEDEPI0EM converts panels into emergency manual test.

LEDEPI0DA converts panels into a DALI-2 self-test option

COMMERCIAL PANELS

The addition of LED panels to the Collingwood collection means we can now provide a complete solution for your commercial lighting projects. Available in three different sizes, the Solis range brings all the benefits of LED lighting to a conventional ceiling panel. Ideal for large open-plan commercial areas such as offices, shops, reception areas, schools and universities. All of our panels are back-lit, available in 30W, 40W and 60W TP(a) options. With a high efficacy upto 130lm/W the Solis panels will provide cost and energy savings.

600 x 600mm



1200 x 600mm



1200 x 300mm



WIRELESS CONTROL

One-Connect-Plus™ 'Casambi' products enable wireless communication with a remote DALI emergency test system without the need for additional hardware or traditional DALI bus wiring.

Casambi Wireless emergency products are equipped with Casambi's proven 2.4GHz radio mesh technology and once paired with the remote gateway, are able to communicate with virtually any existing DALI emergency lighting test system as if it were wired.



DIMMING OPTIONS

A choice of five dimming options are available, PushDIM, Mains, DALI-2, 0-10V or Casambi.

- | | | | |
|--------|--|----------|-------------------------|
| Mains | 600x600, 1200x300 panels using EUP30TIHMCO | 0-10V | Available on all panels |
| DALI-2 | Available on all panels | PUSH DIM | Available on all panels |

CONSTANT CURRENT DRIVER

With a voltage range from 9 to 52Vdc and 300-1050mA the 42W constant current driver gives you a wide range of flexibility within commercial applications.



LOOP-IN LOOP-OUT

The addition of a two part connector on each panel allows loop in / loop out wiring configurations to simplify the installation process.



PANELS

UGR16

UGR16 for office, classroom and retail application



Wattage switchable between 22W, 24W, 25W & 27W

164lm/W

Energy efficient up to 164 Lm/W

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Perfect for office, classroom and retail application

Differentiate the look of your space with a high-quality aesthetic

51,000 hours L90 lifetime

High impact rating of IK08

Security cable supplied

RG0 (Risk Exempt) Photobiological Risk



DOMINO

Ultra-low Glare 600x600 Architectural Panel

FEATURES

Impact Strength	IK08
IP Rating	IP40
Colour Flexibility	Single CCT
UGR	16
Sensor	None
Input	220-240V AC
LED Life	L90 51,000h
CRI	CRI>80
SDCM	SDCM3
Emergency Option	Optional

INSTALLATION INFORMATION

Install Connector Type	2 part first fit connector
Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
Bathroom Zone	2
Inrush Current	28A <50ms
Construction Material	PC, Steel
TP Rating	TP(a)
Ambient Temperature	-20-40°C
SELV	Yes
Building Regulations	Part P & L
Mounting Options	Frame Recessed
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy			
DMB66N4K	Black	Non-dimmable	22W	4000K	75	3550	161	See Accessories				
			24W	4000K						3850	160	See Accessories
			25W	4000K						4100	164	See Accessories
			27W	4000K						4350	161	See Accessories
DMB66X4K	Black	Mains	27W	4000K	75	4350	161	See Accessories				
DMW66N4K	White	Non-dimmable	22W	4000K	75	3550	161	See Accessories				
			24W	4000K						3850	160	See Accessories
			25W	4000K						4100	164	See Accessories
			27W	4000K						4350	161	See Accessories
DMW66X4K	White	Mains	27W	4000K	75	4350	161	See Accessories				

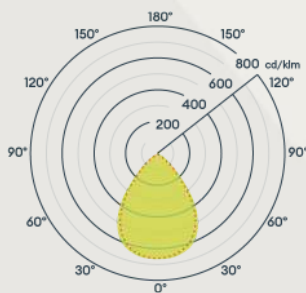
WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained	331
PS6501100MA	Panel power supply, IP20, 40W, 750mA, DALI, 1-10V, Push-Dim	331

BEAM (°): 75





SOLIS PRO

Highly Efficient 160 Llm/W IP44 Wattage Switchable Product

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP44	Install Connector Type	Integrated terminals, loop-in/loop-out
Colour Flexibility	Single CCT	Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
UGR	19	Bathroom Zone	2
Sensor	Optional	Inrush Current	7.6A 0.45ms
Dimmable	0-10V, DALI-2, PUSH-DIM	Construction Material	Aluminium, PS
Input	220-240V AC	TP Rating	TP(a)
LED Life	L80 54,000h	Ambient Temperature	-30-40°C
CRI	CRI>80	SELV	Yes
SDCM	SDCM4	Building Regulations	Part P & L
Emergency Option	Optional	Mounting Options	Frame Recessed
		Electric Class	II

PHOTOMETRICS @ 25°C								
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
SOLP66X4K	Mains	22W	4000K	90	3520	160	330	
		24W	4000K		3840	160	330	
		26W	4000K		4160	160	330	
		28W	4000K		4480	160	330	

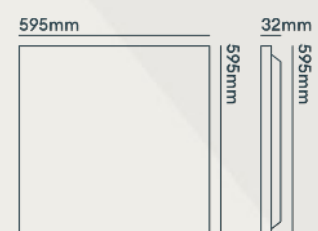
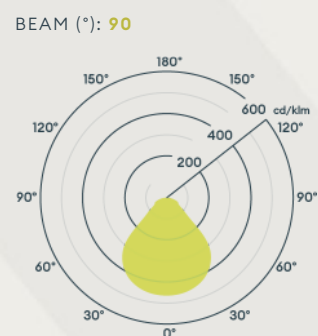
WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
CASDRV45W	Pre-wired with DC jack for plug-in to Panels & Downlights	331
DRV3001050	42W CC Driver, IP20, 300-1050mA, Class II SELV Forward voltage range from 9 to 52Vdc	331
LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained	331
PS6501100MA	Panel power supply, IP20, 40W, 750mA, DALI, 1-10V, Push-Dim	331
AZ6	Spring kit for semi-recessed installation (max thickness 25 mm)	

- Low UGR with UGR19 available
- Wattage switchable between 22W, 24W, 26W & 28W
- Energy rating B up to 160 Llm/W

GUARANTEE
 Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

- BENEFITS**
- Emergency option is available with LEDEP10
 - IP44 rated allows the product to be used in a wide range of applications
 - TP(a) rated diffuser enables use in escape routes
 - 850-degrees glow wire test passed
 - Can be recessed or surface mounted and includes safety cable
 - RG0 (Risk Exempt) Photo-biological Risk



PANELS

UGR19 UGR19

W Wattage switchable from 13W to 26W

156lm/W Ultra-efficient up to 156 Llm/W

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Suitable for classroom, office and retail applications

Direct/Indirect design provides a soft low glare lit effect

TP(a) rated diffuser and 850-deg glow wire test approval, makes the product to be suitable for use in fire escape routes

Plug-in PIR accessory to keep the light OFF when no-one is present

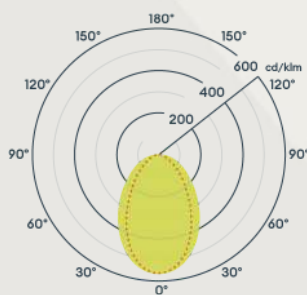
Energy class B rating

DALI-2 and PUSH-DIM driver options

Lay-in, pull-up into (up to 40mm) ceiling depths using TRIKITPULL

Manual-test, self-test and DALI-2 test emergency options

BEAM (°): 80



TRINITY VERSA

Direct/Indirect UGR19 Recessed Modular

FEATURES

Impact Strength	IK07
IP Rating	IP20
Colour Flexibility	Single CCT
UGR	19
Sensor	PIR
Dimmable	DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM4
Emergency Option	Manual-Test,Self-Test,DALI-2

INSTALLATION INFORMATION

Install Connector Type	Easy-fit connector
Insulation Coverable	No
Inrush Current	13.8A 0.16ms
Construction Material	Steel
TP Rating	TP(a)
Ambient Temperature	-20-40°C
SELV	Yes
Building Regulations	Part P & L
Mounting Options	Ceiling
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
TRI66N40	On-Off	13W	4000K	80	1900	146	
		16W	4000K		2500	156	
		18W	4000K		2800	156	
		20W	4000K		3100	155	
		26W	4000K		3700	142	
TRI66X40	Driver excluded	13W	4000K	80	1900	146	
		16W	4000K		2500	156	
		18W	4000K		2700	156	
		20W	4000K		3100	155	
		26W	4000K		3900	142	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

TRISDIMDRV	Dimmable Driver for Trinity Range	325
TRISDIMPIR	Dimmable PIR Sensor for Trinity Panel	325
CASDRV45W	Pre-wired with DC jack for plug-in to Panels & Downlights	331
LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained	325
LEDEPI0EM	Emergency converter, Manual-test, 2.5W	325
TRIREMOTE	Remote Control for Trinity Panel	325

TRINITY VERSA ACCESSORIES

Meet Your Project Requirements

Optional PIR sensor, driver and emergency accessories combine excellence and unrivalled cost savings. The emergency pack turns your Trinity Versa into an emergency version.



PRODUCT CODES

Product Code	Description	Guarantee
TRIONOFFPIR	On/Off PIR sensor (adjustable time delay, sensitivity, day light switching)	5 Years
TRISDIMPIR	Step-dim PIR sensor (to 10% or 30% when absence is detected, adjustable time delay, sensitivity, day light switching) (Requires TRIDIMDRV)	5 Years
TRISDIMDRV	Step-dim plug-in driver (using PWM output)	5 Years
TRIREMOTE	Remote controller (for use with TRIONOFFPIR & TRISDIMPIR) (Requires 2 x AAA batteries, not included)	5 Years
TRIDALIPIR	DALI-2 PIR sensor (Requires TRIDALIDRV)	5 Years
TRIDALIDRV	DALI-2/PUSH-DIM/0-10V plug-in driver	5 Years
TRIKITPULL	Pull-up mounting kit for concealed ceiling grids	5 Years
LEDEPIODA	Emergency pack for converting panel into DALI emergency self-test option	5 Years
LEDEPIO	Emergency pack for converting Trinity Versa into emergency self-test & manual test switchable option	5 Years
LEDEPIOEM	Emergency pack for converting Trinity Versa into emergency manual-test option	5 Years

For full product specification visit collingwoodlighting.com

PANELS

IP65 IP65 from below for a high level of dust & water protection

Supplied with T connector for fast install

Manual Test Manual-test emergency option with LEDEPI0EM

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Self-Test emergency option with LEDEPI0

DALI addressable emergency option with LEDEP09DA

DALI and PUSH-DIM option is available with driver PS250 1100MA

RG0 causing no photo-biological risks



Semi recessed installation clips AZ6



Emergency converter LEDEPI0



T Connector



SOLIS IP65 600X600

600 x 600 IP65 LED panel

FEATURES

Impact Strength	IK03
IP Rating	IP65
Colour Flexibility	Single CCT
UGR	22
Sensor	Optional
Dimmable	0-10V,DALI,Casambi
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM4
Emergency Option	Optional
IP Rating (from above)	IP20

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
Bathroom Zone	1
Inrush Current	<50A 0.05ms
Construction Material	Aluminium, PP
TP Rating	TP(a)
Ambient Temperature	-20-40°C
SELV	Yes
Building Regulations	Part P & L
Mounting Options	Frame Recessed
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
SOLIP66N4K	Non-dimmable	40W	4000K	110	4500	113	290	

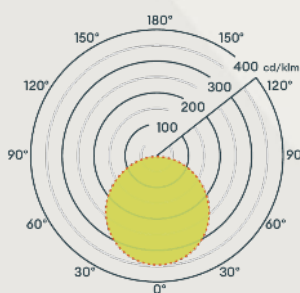
WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

CASDRV45W	Pre-wired with DC jack for plug-in to Panels & Downlights	331
DRV3001050	42W CC Driver, IP20, 300-1050mA, Class II SELV Forward voltage range from 9 to 52Vdc	331
LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained	331
LEDEPI0EM	Emergency converter, Manual-test, 2.5W	331
P2SMA	Surface mount kit for 600 x 600 LED panel	331
AZ6	Spring kit for semi-recessed installation (max thickness 25 mm)	

BEAM (°): 110





SOLIS 1200X600

1200 x 600 LED panel

FEATURES	
IP Rating	IP40
Colour Flexibility	Single CCT
Sensor	None
Dimmable	0-10V,DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM4
Emergency Option	Optional

INSTALLATION INFORMATION	
Install Connector Type	2 part first fit connector
Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
Bathroom Zone	2
Inrush Current	<50A, 0.05ms
Construction Material	Aluminium, PS
TP Rating	TP(a)
Ambient Temperature	-30-40°C
SELV	Yes
Building Regulations	Part P & L
Mounting Options	Frame Recessed
Electric Class	II

PHOTOMETRICS @ 25°C								
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
P2C19S60WA	Non-dimmable	60W	4000K	90	6600	110	800	
P2C19X60WA	DALI-2 / 0-10V / Push-Dim	60W	4000K	90	6600	110	800	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
DRV3001050	42W CC Driver, IP20, 300-1050mA, Class II SELV Forward voltage range from 9 to 52Vdc	331
LEDEP10	Emergency converter, Self-test & Manual-test switchable, maintained	331
P2SMC	Surface mount kit for 1200 x 600 LED panel	331
TR28000677	Panel power supply, IP20, 60W, 1500mA, DALI 2, Push-Dim	331

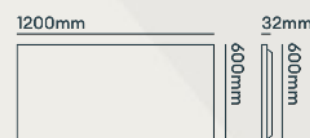
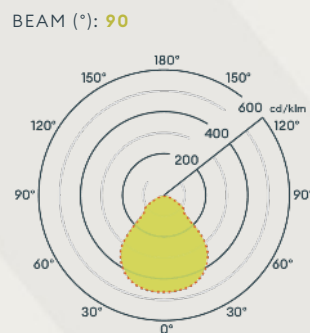
- UGR19** Low UGR with UGR19 available
- DIM** Dimmable with TRIAC mains, Push-Dim, DALI 2 & 0-10V
- EM** Emergency option available with LEDEP10

GUARANTEE

Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

- Suitable for reading, writing and computer-based tasks and meets Blue Light Hazard Regulation RG0
- Supplied with a quick-fit connector for fast installation
- Compatible with emergency kit designed for a quick conversion
- Back-lit design for efficient performance and improved robustness during transit
- Supplied with 1m long safety steel cable
- Lumens in EM mode 250lm



PANELS

UGR16 Low UGR with UGR16 available

DIM Dimmable with TRIAC mains, Push-Dim, DALI 2 & 0-10V

EM Emergency option available with LEDEPI0

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Suitable for reading, writing and computer-based tasks and meets Blue Light Hazard Regulation RGO

30W (P2A16S30WA) for 500lux at 2.4m x 2.4m distance spacings

40W (P2A19S40WA) for 500lux at 3.0m x 2.4m distance spacings

Supplied with a quick-fit connector for fast installation

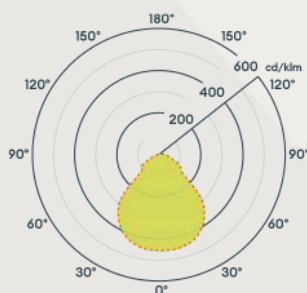
Compatible with emergency kit designed for a quick conversion

Back-lit design for efficient performance and improved robustness during transit

Supplied with 1m long safety steel cable

Lumens in EM mode 250lm

BEAM (°): 90



SOLIS 1200X300

1200 x 300 LED panel

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP40	Install Connector Type	2 part first fit connector
Colour Flexibility	Single CCT	Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
UGR	16	Bathroom Zone	2
Sensor	None	Inrush Current	30A 0.91ms
Dimmable	0-10V,DALI-2,PUSH-DIM,Casambi	Construction Material	Aluminium
Input	220-240V AC	TP Rating	TP(a)
LED Life	L70 50,000h	Ambient Temperature	-30-40°C
CRI	CRI>80	SELV	Yes
SDCM	SDCM4	Building Regulations	Part P & L
Emergency Option	Optional	Mounting Options	Frame Recessed
		Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
P2B16S30WA	Non-dimmable	30W	4000K	90	3450	115	400	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

CASDRV45W	Pre-wired with DC jack for plug-in to Panels & Downlights	331
EUP30TIHMC0	Panel power supply, IP20, 30W, 750mA, Mains Dimmable	331
LEDEPI0	Emergency converter, Self-test & Manual-test switchable, maintained	331
P1SK	Suspension Kit for 600 x 600 & 1200 x 300 panels	331
P2SMB	Surface mount kit for 1200 x 300 LED panel	331
PS6501100MA	Panel power supply, IP20, 40W, 750mA, DALI, 1-10V, Push-Dim	331



- UGR19** UGR19 Low Glare
- DIM** DALI-2, Push-Dim, & 0-10V options are available
- EM** Emergency option available with LEDEP10

SOLIS 600X600 UGR19

Wattage Switchable UGR19 Panel with 2-Part Connector

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Install Connector Type	2 part first fit connector
IP Rating	IP40	Insulation Coverable	Luminaire: Rolled and blown insulation Driver: no
Colour Flexibility	Single CCT	Bathroom Zone	2
UGR	19	Construction Material	Iron
Sensor	Optional	TP Rating	TP(a)
Dimmable	0-10V,DALI,Casambi	Ambient Temperature	-30-40°C
Input	220-240V AC	SELV	Yes
LED Life	L70 50,000h	Building Regulations	Part P & L
CRI	CRI>80	Mounting Options	Frame Recessed
Emergency Option	Optional	Electric Class	II

PHOTOMETRICS @ 25°C								
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
SOL66N19D40	On-Off	27W	4000K	90	3500	130	220	
		32W	4000K		4200	130	220	
SOL66X19D40	Driverless	27W	4000K	90	3500	130	220	
		32W	4000K		4200	130	220	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
CASDRV45W	Pre-wired with DC jack for plug-in to Panels & Downlights	331
DRV3001050	42W CC Driver, IP20, 300-1050mA, Class II SELV Forward voltage range from 9 to 52Vdc	
PS6501100MA	Panel power supply, IP20, 40W, 750mA, DALI, 1-10V, Push-Dim	
AZ6	Spring kit for semi-recessed installation (max thickness 25 mm)	

GUARANTEE

Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

Suitable for reading, writing and computer-based tasks and meets Blue Light Hazard Regulation RG0

27W for 500lux at 2.4m x 2.4m distance spacings

32W for 500lux at 3.0m x 2.4m distance spacings

Supplied with connector to aid fast installation

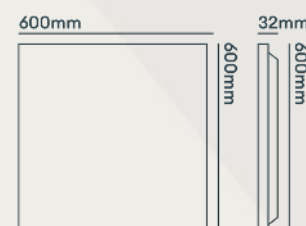
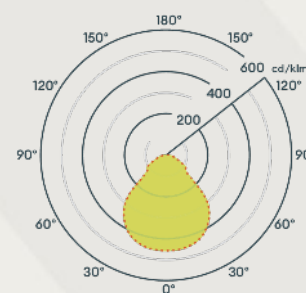
Back-lit design for efficient performance and improved robustness during transit

TP(a) rated diffuser and 850-deg glow wire test approval, makes the product to be suitable for use in fire escape routes

Supplied with 1m long safety steel cable

Emergency converters available for Manual, Self and DALI test

BEAM (°): 90



PANELS

UGR16

UGR<16 for office, education and retail applications

140lm/W

Energy efficient up to 140 lm/W



Colour switchable between 3000k and 4000K

GUARANTEE

5 years

BENEFITS

Blends perfectly into modern offices and interiors, enhancing any architectural vision

Choice of elegant white or bold black finishes that complement any architectural vision

Replaceable LED modules with clip system and Plug & Play connection for effortless maintenance. Non dimmable or DALI driver as a choice.

Outstanding performance with up to 140 lm/W and extremely low glare (UGR<16) cutting energy costs and increasing light comfort

With a lifespan of 100,000 hours and a 5-year warranty, Solis lens is built to last



SOLIS LENS

FEATURES

Impact Strength	IK06
IP Rating	IP20
Colour Flexibility	Switchable CCT
UGR	16
Sensor	None
Dimmable	DALI-2
Input	220-240V AC
LED Life	L70 100,000h
CRI	CRI>80
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

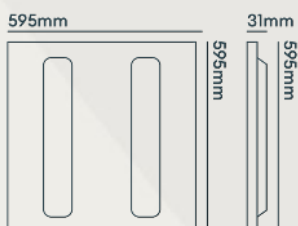
Install Connector Type	Push-fit terminal connector
Insulation Coverable	No
Bathroom Zone	N/A
Inrush Current	30A 150uS
Construction Material	Steel, PMMA
Ambient Temperature	-10-40°C
SELV	Yes
Building Regulations	Part P & L
Mounting Options	Frame Recessed
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
LENBS66D	Matt Black - Silver	25W	3000K	80	3175	127	A B C
			4000K				
LENBS66N	Matt Black - Silver	25W	3000K	80	3175	127	A B C
			4000K				
LENWW66D	Matt White	25W	3000K	80	3400	140	A B C
			4000K				
LENWW66N	Matt White	25W	3000K	80	3400	140	A B C
			4000K				

WIRING INFORMATION

Type Of Wiring Required Parallel



PANEL ACCESSORIES

Easy Install Panels Anywhere

Install your panel anywhere with surface mount kits for solid surfaces and suspension kits to hang from ceilings. Turn your panel into an emergency version with an emergency pack.

	Use with 600 x 600mm panels	Use with 1200 x 300mm panels	Use with 1200 x 600mm panels
Surface Mount Kit	 P2SMA	 P2SMB	 P2SMC
Suspension Mount Kit	 P1SK	 P1SK	
Clips	 AZ6	 AZ6	 AZ6
Drivers & Emergency Packs	 PS6501100MA	 EUP30TIHMC0	 TR28000677
	 DRV3001050	 LEDEPI0DA	 LEDEPI0
		 LEDEPI0EM	

PRODUCT CODES

Product Code	Description	Guarantee
P2SMA	Surface mount kit for mounting panels onto solid surfaces	5 Years
P2SMB	Surface mount kit for mounting panels onto solid surfaces	5 Years
P2SMC	Surface mount kit for mounting panels onto solid surfaces	5 Years
P1SK	Suspension mount kit for suspending panels from solid surfaces	5 Years
DRV3001050	42W CC Driver, IP20, 300-1050mA, Class II SELV Forward voltage range from 9 to 52Vdc	5 Years
PS6501100MA	Panel power supply, IP20, 40W, 750mA, DALI, 1-10V, Push-Dim	5 Years
EUP30TIHMC0	Panel power supply, IP20, 30W, 750mA, Mains Dimmable	5 Years
TR28000677	Panel power supply, IP20, 60W, 1500mA, DALI 2, Push-Dim	5 Years
LEDEPI0DA	Emergency pack for converting panel into DALI emergency self-test option	5 Years
LEDEPI0	Emergency pack for converting panels into emergency self-test option	5 Years
LEDEPI0EM	Emergency pack for converting panels into emergency manual-test option	5 Years
CASRECW	Casambi wireless recessed PIR+DC ceiling sensor	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Solis Pro	Solis IP65	Solis 600x600	Solis 1200x300	Solis 1200x600
P2SMA	●	●	●	✗	✗
P2SMB	✗	✗	✗	●	✗
P2SMC	✗	✗	✗	✗	●
P1SK	●	●	●	●	✗
DRV3001050	●	●	●	●	●
PS6501100MA	●	●	●	●	✗
EUP30TIHMC0	●	✗	●	●	✗
TR28000677	✗	✗	✗	✗	●
LEDEPI0DA	●	●	●	●	●
LEDEPI0	●	●	●	●	●
LEDEPI0EM	●	●	●	●	●
CASRECW	●	●	●	●	✗

For other Casambi or One Connect wireless functionality contact us on 01604 495 151

SURFACE & SUSPENDED



SURFACE & SUSPENDED

Light lines

VERSA TILE LIT EFFECT

Create the ideal lit effect for your installation.

Versa Tile direction of light

Up-down light (75% DLOR, 25% ULOR) for a decorative lit effect on your ceiling.



VERSA BOX (VERSA TILE)

The Versa Box is a uniquely design compartment to house all of the components at either end.

This makes it easy to plug-in different drivers, sensors and emergency packs to suit your project needs and makes the product very easy to repair, replace or upgrade.



STAND ALONE VS CONTINUOUS LIGHT

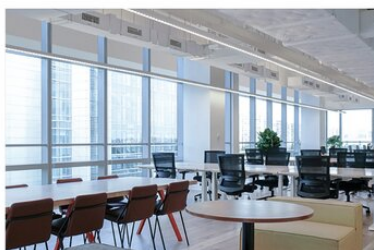
Stand alone

Provide individual light and control for your users so they personalise what they like.



Continuous light

Creates lines of light up to 20 metres long using a single electrical feed.



DALI-2

DALI-2 / PUSH-DIM options available. Emergency options available, Self-test or DALI-2 addressable.

SHALLOW DEPTH

Designed to have a shallow depth for an architectural look.



Versa Tile
Shallow depth of 38mm

NARIA ACOUSTIC DAMPENING PANEL

A luminaire that produces light but also reduces noise and echo in a room with its acoustic panel. It makes installation simpler and faster with one product doing two jobs. There is no separate marking out or fitting of specialist panels required since all you have to do is place the acoustic panel within the circular frame of the suspended fitting. Panels available in Black, Grey or White.

Naria gives you a choice of 3000K, 3500K or 4000K colour temperature lighting using a switch in its base. Both non dimmable and DALI dimmable options are available.



UNIFORM VERSA

Wattage switchable: one light, four wattage outputs

Wattage switchable product enables one luminaire to meet various lux levels within a project using a lumen output switch.

Low output



Mid output



High output



Highest output



MICROWAVE



Uniform Versa
**Microwave sensor on/off
 plug-in option**
 Uniform **PIR on/off Bolt-on**

EMERGENCY



Uniform Versa
**Manual-test, Self-test &
 DALI-2 test**
 Uniform - **Self-test**

DIMMING OPTIONS



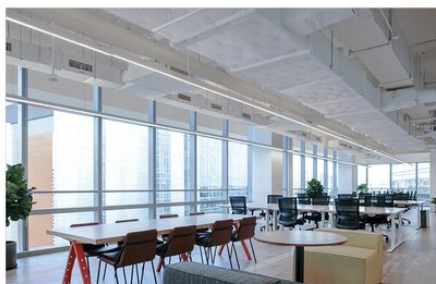
**DALI-2 &
 PUSH DIM
 options**

CHOICE OF FORM

Choose the shape of fitting that is ideal for the environment it is going into.

Linear fittings

Perfect for matching up to the building architecture of the windows and furniture.



Uniform



Versa Tile



Linear Prism

Circular fittings

Creates a more informal look which is comfortable to work, relax or socialise under.



Nova



Astra



Naria



Lustre



Lustre

SURFACE & SUSPENDED



Slim depth of just 38mm



UGR19 for low glare



75% down / 25% up ratio uses light efficiently

GUARANTEE

Warranty: 7 years
Battery Warranty: 5 years

BENEFITS

Energy efficient up to 100lm/W

Choice of White (RAL9003), Black (RAL9005) or Silver (RAL9006)

Suspend as an individual luminaire or (by custom request) connect together to make a continuous run

>10% uplight when surface mounted

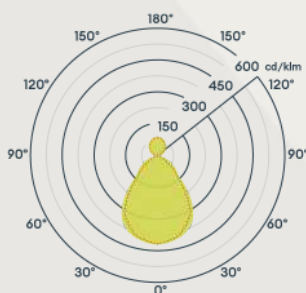
Configurable using our unique VERSABOX design to realise a range of lumen output, driver and sensor options

DALI-2 driver is switchable to enable lower lumen outputs

Supplied with suspension kit

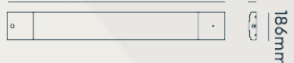
DALI Dimmable Fitting with on-off PIR Sense

BEAM (°): 80



1558mm

38mm



VERSA TILE BLACK

UGR19 architectural linear

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Single CCT
UGR	19
Sensor	PIR
Dimmable	DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L80 54,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Self-Test

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Inrush Current	Standard: 16A 672µs, DALI: 30A 45µs
Construction Material	Aluminium, PS
Ambient Temperature	0-40°C
Mounting Options	Ceiling,Suspended,Wall
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
VTBID	DALI-2 dimmable	45W	4000K	80	4500	100	-	
VTBIDEM	Emergency DALI-2 dimmable	45W	4000K	80	4500	100	215	
VTBIDP	DALI-2 Dimmable with On-Off PIR Sensor	45W	4000K	80	4500	100	-	
VTBIDPEM	Emergency DALI-2 Dimmable with On-Off PIR Sensor	45W	4000K	80	4500	100	215	
VTBIN	Standard	45W	4000K	80	4500	100	-	
VTBINEM	Emergency	45W	4000K	80	4500	100	215	
VTBINP	PIR sensor	45W	4000K	80	4500	100	-	
VTBINPEM	Emergency with PIR Sensor	45W	4000K	80	4500	100	215	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

VTBCON	Connect Joint Kit
VTBWALL	Wall Mount Kit



VERSA TILE SILVER

UGR19 architectural linear

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP20	Inrush Current	Standard: 16A 672µs, DALI: 30A 45µs
Colour Flexibility	Single CCT	Construction Material	Aluminium, PS
UGR	19	Ambient Temperature	0-40°C
Sensor	PIR	Mounting Options	Ceiling,Suspended,Wall
Dimmable	DALI-2,PUSH-DIM	Electric Class	I
Input	220-240V AC		
LED Life	L80 54,000h		
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	Self-Test		

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
VTSID	DALI-2 dimmable	45W	4000K	80	5000	110	-	
VTSIDEM	Emergency DALI-2 dimmable	45W	4000K	80	5000	110	240	
VTSIDP	DALI-2 Dimmable with On-Off PIR Sensor	45W	4000K	80	5000	110	-	
VTSIDPEM	Emergency DALI-2 Dimmable with On-Off PIR Sensor	45W	4000K	80	5000	110	240	
VTSIN	Standard	45W	4000K	80	5000	110	-	
VTSINEM	Emergency	45W	4000K	80	5000	110	240	
VTSINP	PIR sensor	45W	4000K	80	5000	110	-	
VTSINPEM	Emergency with PIR Sensor	45W	4000K	80	5000	110	240	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

VTSCON	Connect Joint Kit
VTSWALL	Wall Mount Kit



Slim depth of just 38mm



UGR19 for low glare



75% down / 25% up ratio uses light efficiently

GUARANTEE

Warranty: 7 years

Battery Warranty: 5 years

BENEFITS

Energy efficient up to 110lm/W

Choice of White (RAL9003), Black (RAL9005) or Silver (RAL9006)

Suspend as an individual luminaire or (by custom request) connect together to make a continuous run

>10% uplight when surface mounted

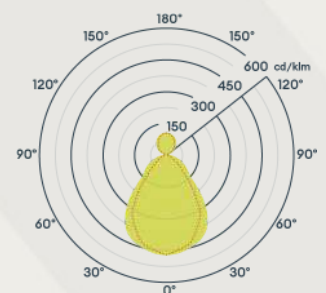
Configurable using our unique VERSABOX design to realise a range of lumen output, driver and sensor options

DALI-2 driver is switchable to enable lower lumen outputs

Supplied with suspension kit

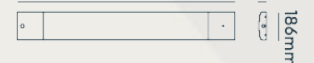
DALI Dimmable Fitting with on-off PIR Sense

BEAM (°): 80



1558mm

38mm



SURFACE & SUSPENDED



Slim depth of just 38mm



UGR19 for low glare



75% down / 25% up ratio uses light efficiently

GUARANTEE

Warranty: 7 years
Battery Warranty: 5 years

BENEFITS

Energy efficient up to 120lm/W

Choice of White (RAL9003), Black (RAL9005) or Silver (RAL9006)

Suspend as an individual luminaire or (by custom request) connect together to make a continuous run

>10% uplight when surface mounted

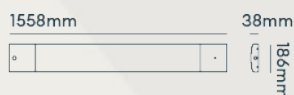
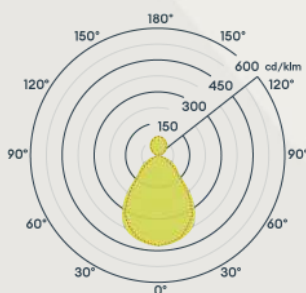
Configurable using our unique VERSABOX design to realise a range of lumen output, driver and sensor options

DALI-2 driver is switchable to enable lower lumen outputs

Supplied with suspension kit

DALI Dimmable Fitting with on-off PIR Sense

BEAM (°): 80



VERSA TILE WHITE

UGR19 architectural linear

FEATURES

Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Single CCT
UGR	19
Sensor	PIR
Dimmable	DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L80 54,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Self-Test

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Inrush Current	Standard: 16A 672µs, DALI: 30A 45µs
Construction Material	Aluminium, PS
Ambient Temperature	0-40°C
Mounting Options	Ceiling,Suspended,Wall
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
VTWID	DALI-2 dimmable	45W	4000K	80	5500	120	-	
VTWIDEM	Emergency DALI-2 dimmable	45W	4000K	80	5500	120	260	
VTWIDP	DALI-2 Dimmable with On-Off PIR Sensor	45W	4000K	80	5500	120	-	
VTWIDPEM	Emergency DALI-2 Dimmable with On-Off PIR Sensor	45W	4000K	80	5500	120	260	
VTWIN	Standard	45W	4000K	80	5500	120	-	
VTWINEM	Emergency	45W	4000K	80	5500	120	260	
VTWINP	PIR sensor	45W	4000K	80	5500	120	-	
VTWINPEM	Emergency with PIR Sensor	45W	4000K	80	5500	120	260	

Energy rating is a reflection of the LED light source.


WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

VTWCON	Connect Joint Kit
VTWWALL	Wall Mount Kit



-  Colour Switchable between 3000K-3500K-4000K
-  UGR19 Contributes to a UGR19 lighting design
-  130lm/W Energy efficient up to 130Lm/W

LINEAR CELL

Low glare suspended light line luminaire









FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP20	Inrush Current	10A 0.088ms
Colour Flexibility	Switchable CCT	Construction Material	ABS, Aluminium
UGR	19	Ambient Temperature	-20-50°C
Sensor	None	Mounting Options	Ceiling,Suspended
Dimmable	DALI-2,PUSH-DIM	Electric Class	I
Input	220-240V AC		
LED Life	L80 60,000h		
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	Self-Test		

GUARANTEE

Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

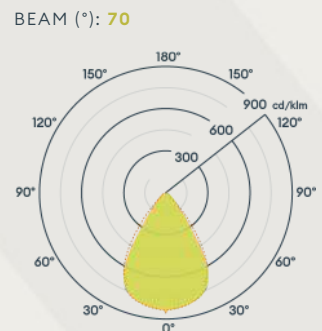
On-Off or Dimmable as standard
 Must be sold with either accessory LCLBSIDCRKIT=Black / LCLWIDCRKIT=White to provide a decorative ceiling rose for the power cable
 Install as an individual luminaire or create a continuous run lightline (up to 20 luminaires) using accessory LCLCONKIT
 DALI-2 driver is switchable to enable lower lumen outputs

PHOTOMETRICS @ 25°C										
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy	
LCLBSID	Black	DALI-2 dimmable	38W	3000K	70	4600	120	-		
				3500K		5000	130	-		
				4000K		4800	126	-		
LCLBSIDEM	Black	Emergency DALI-2 dimmable	38W	3000K	70	4600	120	300		
				3500K		5000	130	325		
				4000K		4800	126	315		
LCLWID	White	DALI-2 dimmable	38W	3000K	75	4600	120	-		
				3500K		5000	130	-		
				4000K		4800	126	-		
LCLWIDEM	White	Emergency DALI-2 dimmable	38W	3000K	75	4600	120	300		
				3500K		5000	130	325		
				4000K		4800	126	315		

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES	
LCLBSIDCRKIT	Ceiling Rose Kit, DALI/Push
LCLCONKIT	Light Line Connect Kit
LCLWIDCRKIT	Ceiling Rose Kit, DALI/Push



SURFACE & SUSPENDED



Wattage Switchable between 21W to 32W



Colour Switchable between 3000K-3500K-4000K



Energy efficient up to 130Lm/W

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Dimmable as standard

Must be sold with either accessory LCLBSIDCRKIT=Black / LCLWIDCRKIT=White to provide a decorative ceiling rose for the power cable

Install as an individual luminaire or create a continuous run lightline (up to 20 luminaires) using accessory LCLCONKIT

L shaped connector available for creating corners



LINEAR PRISM BLACK

Wattage & Colour Switchable Light Line

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK02	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP20	Inrush Current	10A 0.088ms
Colour Flexibility	Switchable CCT	Construction Material	ABS, Aluminium
UGR	22	Ambient Temperature	-20-50°C
Sensor	None	Mounting Options	Ceiling,Suspended
Dimmable	DALI-2,PUSH-DIM	Electric Class	I
Input	220-240V AC		
LED Life	L90 50,000h		
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	Self-Test		

PHOTOMETRICS @ 25°C

Product Code	Type	Battery	W	Colour	Beam (°)	lm	Lm/W	EM	Energy	
LPLBID	DALI-2 dimmable	LiFePO4	21W	3000K	67	2300	110	-	▶	
				3500K		2400	115	-		
				4000K		2300	110	-		
				3000K		3300	110	-		
				31W		3500K	3550	115		-
				4000K		3400	110	-		
LPLBIDES	DALI-2 Self-Test Emergency	LiFePO4	21W	3000K	67	2300	110	250	▶	
				3500K		2400	115	250		
				4000K		2300	110	250		
				3000K		3300	110	250		
				31W		3500K	3550	115		250
				4000K		3400	110	250		

Default Settings: 3000K colour temperature, 21W power consumption. Energy rating is a reflection of the LED light source.

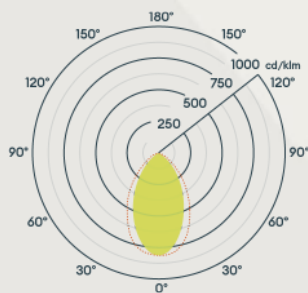
WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

LPLBILCON	Linear Prism Black L Connector
LCLBSIDCRKIT	Ceiling Rose Kit, DALI/Push
LCLCONKIT	Light Line Connect Kit
LCLWIDCRKIT	Ceiling Rose Kit, DALI/Push

BEAM (°): 67





Wattage Switchable between 21W to 32W



Colour Switchable between 3000K-3500K-4000K



Energy efficient up to 130Lm/W

GUARANTEE

Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

Dimmable as standard
 Must be sold with either accessory LCLBSIDCRKIT=Black / LCLWIDCRKIT=White to provide a decorative ceiling rose for the power cable
 Install as an individual luminaire or create a continuous run lightline (up to 20 luminaires) using accessory LCLCONKIT
 L shaped connector available for creating corners

LINEAR PRISM WHITE

Wattage & Colour Switchable Light Line

FEATURES	
Impact Strength	IK02
IP Rating	IP20
Colour Flexibility	Switchable CCT
UGR	22
Sensor	None
Dimmable	DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L90 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Self-Test

INSTALLATION INFORMATION	
Install Connector Type	Push-fit terminal, loop-in/loop-out
Inrush Current	10A 0.088ms
Construction Material	ABS, Aluminium
Ambient Temperature	-20-50°C
Mounting Options	Ceiling,Suspended
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	Battery	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
LPLWID	DALI-2 dimmable	LiFePO4	21W	3000K	67	2650	125	-	
				3500K		2750	130	-	
				4000K		2650	125	-	
				3000K		3750	125	-	
				3500K		4000	130	-	
				4000K		3900	125	-	
LPLWIDES	DALI-2 Self-Test Emergency	LiFePO4	31W	3000K	67	2650	125	250	
				3500K		2750	130	250	
				4000K		2650	125	250	
				3000K		3750	125	250	
				3500K		4000	130	250	
				4000K		3900	125	250	

Default Settings: 3000K colour temperature, 21W power consumption. Energy rating is a reflection of the LED light source.

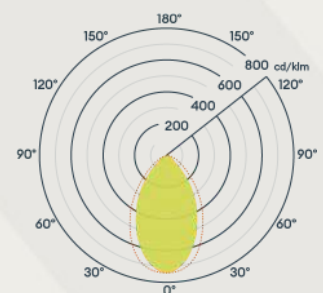
WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

LPLWILCON	Linear Prism White L Connector
LCLBSIDCRKIT	Ceiling Rose Kit, DALI/Push
LCLCONKIT	Light Line Connect Kit
LCLWIDCRKIT	Ceiling Rose Kit, DALI/Push

BEAM (°): 67





Wattage switchable
30W, 35W, 40W &
45W



Ultra-efficient up to
150 Llm/W



UGR19 compliant
low glare lighting

GUARANTEE

Warranty: 7 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

- Outstanding uniform lit effect
- 70,000 hours L80 lifetime
- RG0 (Risk Exempt) Photo-biological Risk
- Versabox plug and play kit range to accommodate project requirements
- Suspension kit available (UNLSUS2M)



UNIFORM VERSA

Wattage Switchable UGR19 Linear with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Install Connector Type	Push-fit terminal, loop-in/loop-out
IP Rating	IP44	Inrush Current	24A 354us
Colour Flexibility	Single CCT	Construction Material	Carbon Sheet Steel, PMMA
UGR	19	Ambient Temperature	-20-40°C
Sensor	Optional	SELV	No
Dimmable	DALI-2,PUSH-DIM	Building Regulations	Part P & L
Input	220-240V AC	Mounting Options	Ceiling
LED Life	L80 70,000h	Electric Class	I
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	Manual-Test,Self-Test,DALI-2		

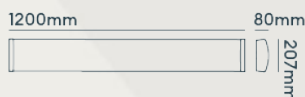
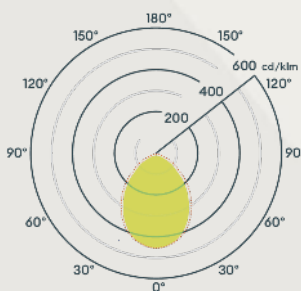
PHOTOMETRICS @ 25°C						
W	Colour	Beam (°)	lm	Lm/W	EM	Energy
30W	4000K	80	4500	150	-	
35W	4000K		5250	150	-	
40W	4000K		6000	150	-	
45W	4000K		6750	150	-	

PRODUCT CODES			
UNV5D40	DALI-2 dimmable	UNV5NE40	Emergency Non-dimmable
UNV5DE40	Emergency DALI-2 dimmable	UNV5NM40	Microwave sensor non-dimmable
UNV5N40	Standard non-dimmable	UNV5NME40	Emergency microwave sensor non-dimmable

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
UNVKITDALIEM	DALI2-Test Emergency plug-in kit for Uniform Versa	343
UNVKITMANEM	Manual-Test Emergency plug-in kit for Uniform Versa	343
UNVKITMWS	Microwave Sensor for Uniform Versa	343
UNVKITSELFEM	Self-Test Emergency plug-in kit for Uniform Versa	343
UNREMOEMWS	Universal Remote control for Microwave sensor	343

BEAM (°): 80



UNIFORM VERSA ACCESSORIES

Make Your Batten Perfect For Your Installation

Optional microwave sensor and emergency accessories combine excellence and unrivalled cost savings.



PRODUCT CODES

Product Code	Description	Guarantee
UNVKITMWS	Microwave Sensor for Uniform Versa	7 Years
UNVKITMANEM	Manual-Test Emergency plug-in kit for Uniform Versa	7 Years
UNVKITSELFEM	Self-Test Emergency plug-in kit for Uniform Versa	7 Years
UNVKITDALIEM	DALI2-Test Emergency plug-in kit for Uniform Versa	7 Years
UNREMOTEMWS	Universal Remote control for Microwave sensor	7 Years
UNISUS2M	2M Suspension Kit for Uniform CSP	5 Years

For full product specification visit collingwoodlighting.com

SURFACE & SUSPENDED



Wattage switchable between 20W, 23W, 26W & 30W



Ultra-efficient up to 150 Lm/W



Quick and easy installation with Push-fit terminal

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years
On-Site Warranty: 2 years

BENEFITS

Outstanding uniform lit effect

70,000 hours L80 lifetime

IP44 rated allows the product to be used in a wide range of applications

Bolt-on range of lighting controls and emergency conversion packs to aid fast availability

RG0 (Risk Exempt) Photobiological Risk

Suspension kit available (UNLSUS2M)



UNIFORM 5FT

1500mm Surface Linear

FEATURES

Impact Strength	IK08
IP Rating	IP44
Colour Flexibility	Single CCT
UGR	22
Sensor	PIR
Dimmable	DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L80 70,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Self-Test
IP Rating (from above)	IP40

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal, loop-in/loop-out
Inrush Current	15.4A 0.48ms
Construction Material	Carbon Sheet Steel, PC
Ambient Temperature	-20-40°C
SELV	No
Building Regulations	Part P & L
Mounting Options	Ceiling
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
UNL5SD	White	DALI-2 dimmable	30W	4000K	120	4500	150	-	A B
UNL5SDE	White	Emergency DALI-2 dimmable	30W	4000K	120	4500	150	325	A B
UNL5SN	White	Standard	20W	4000K	120	3000	150	-	A B
			23W	4000K		3450	150	-	
			26W	4000K		3984	150	-	
			30W	4000K		4500	150	-	
UNL5SNE	White	Emergency	20W	4000K	120	3000	150	325	A B
			23W	4000K		3450	150	325	
			26W	4000K		3900	150	325	
			30W	4000K		4500	150	325	

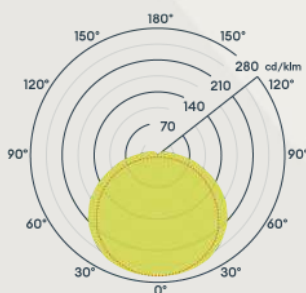
WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

EMBOLTMCOR	3 hour emergency conversion pack, corridor area, manual test	346
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	346
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	346
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	346

BEAM (°): 120





Wattage switchable between 20W, 23W, 26W & 30W



Ultra-efficient up to 150 Lm/W



Quick and easy installation with Push-fit terminal

GUARANTEE

Warranty: 5 years
 Battery Warranty: 3 years
 On-Site Warranty: 2 years

BENEFITS

Outstanding uniform lit effect
 70,000 hours L80 lifetime
 IP44 rated allows the product to be used in a wide range of applications
 Bolt-on range of lighting controls and emergency conversion packs to aid fast availability
 RG0 (Risk Exempt) Photo-biological Risk
 Suspension kit available (UNLSUS2M)

UNIFORM 4FT

1200mm Surface Linear

FEATURES	
Impact Strength	IK08
IP Rating	IP44
Colour Flexibility	Single CCT
UGR	22
Sensor	PIR
Dimmable	DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L80 70,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Self-Test
IP Rating (from above)	IP40

INSTALLATION INFORMATION	
Install Connector Type	Push-fit terminal, loop-in/loop-out
Inrush Current	15.4A 0.48ms
Construction Material	Carbon Sheet Steel, PC
Ambient Temperature	-20-40°C
SELV	No
Building Regulations	Part P & L
Mounting Options	Ceiling
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
UNL4SD	White	DALI-2 dimmable	30W	4000K	120	4500	150	-	A B
UNL4SDE	White	Emergency DALI-2 dimmable	30W	4000K	120	4500	150	325	A B
UNL4SN	White	Standard	20W	4000K	120	2822	150	-	A B
			23W	4000K		3383	150	-	
			26W	4000K		3984	150	-	
			30W	4000K		4500	150	-	
UNL4SNE	White	Emergency	20W	4000K	120	2822	150	325	A B
			23W	4000K		3383	150	325	
			26W	4000K		3984	150	325	
			30W	4000K		4500	150	325	

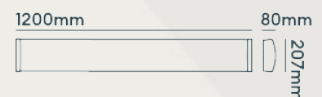
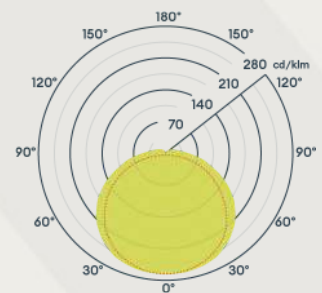
WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

EMBOLTMCOR	3 hour emergency conversion pack, corridor area, manual test	346
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	346
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	346
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	346

BEAM (°): 120



UNIFORM ACCESSORIES

Make Your Batten Perfect For Your Installation

Optional PIR sensor and emergency accessories combine excellence and unrivalled cost savings.



PRODUCT CODES

Product Code	Description	Guarantee
PIRBOLT	On/Off PIR sensor with Lux level switch	5 Years
PIRBOLTDIM	Dimming PIR Sensor with Lux level switch (requires 0-10V driver)	5 Years
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	5 Years
EMBOLTCOR	3 hour emergency conversion pack, corridor area, manual test	4 Years, 2 Years on Battery
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	4 Years, 2 Years on Battery
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	4 Years, 2 Years on Battery
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	4 Years, 2 Years on Battery
UNLSUS2M	2m Suspension Kit for Uniform	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	GL200	GL019 Eyelid	GL021	GL022
PIRBOLT	●	●	●	●
PIRBOLTDIM	●	X	X	X
EMBOLTCOR	●	●	●	●
EMBOLTMOPEN	●	●	●	●
EMBOLTSCOR	●	●	●	●
EMBOLTSOPEN	●	●	●	●
UNLSUS2M	●	●	●	●
PIRBOLTDIMR	Compatible with PIRBOLTDIM			



Wattage switchable between 20W, 23W, 26W & 30W



Ultra-efficient up to 150 Lm/W



Quick and easy installation with Push-fit terminal

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years
On-Site Warranty: 2 years

BENEFITS

Outstanding uniform lit effect
70,000 hours L80 lifetime
IP44 rated allows the product to be used in a wide range of applications
Bolt-on range of lighting controls and emergency conversion packs to aid fast availability
RG0 (Risk Exempt) Photo-biological Risk
Suspension kit available (UNLSUS2M)

UNIFORM 6FT

1800mm Surface Linear

FEATURES	
Impact Strength	IK08
IP Rating	IP44
Colour Flexibility	Single CCT
UGR	22
Sensor	PIR
Dimmable	DALI-2,PUSH-DIM
Input	220-240V AC
LED Life	L80 70,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Self-Test
IP Rating (from above)	IP40

INSTALLATION INFORMATION	
Install Connector Type	Push-fit terminal, loop-in/loop-out
Inrush Current	15.4A 0.48ms
Construction Material	Carbon Sheet Steel, PC
Ambient Temperature	-20-40°C
SELV	No
Building Regulations	Part P & L
Mounting Options	Ceiling
Electric Class	I

PHOTOMETRICS @ 25°C

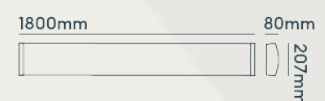
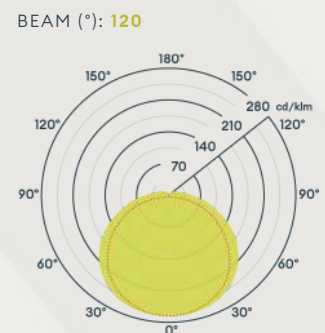
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
UNL6SD	White	DALI-2 dimmable	30W	4000K	120	4500	150	-	A B
UNL6SDE	White	Emergency DALI-2 dimmable	30W	4000K	120	4500	150	325	A B
UNL6SN	White	Standard	20W	4000K	120	2822	150	-	A B
			23W	4000K		3383	150	-	
			26W	4000K		3984	150	-	
			30W	4000K		4500	150	-	
UNL6SNE	White	Emergency	20W	4000K	120	2822	150	325	A B
			23W	4000K		3383	150	325	
			26W	4000K		3984	150	325	
			30W	4000K		4500	150	325	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

EMBOLTMCOR	3 hour emergency conversion pack, corridor area, manual test	346
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	346
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	346
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	346



SURFACE & SUSPENDED



Colour switchable between 2700k, 3000k, & 4000k



Energy efficient up to 138lm/W



Available with DALI-2, 1-10V & PUSH-DIM

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Wide light emitting surface designed for superior optical control and comfortable light

Makes rooms appear larger and wider

Floating impression when surface-mounted

Design-led pendant can be centrepiece of any room

Wall mounted creates interest

450mm and 600mm can be wall mounted

4000K for focus scenes - 3000K for social scenes - 2700K for relaxation



NOVA BLACK

Designer light that can be suspended, surface or wall mounted

FEATURES

Impact Strength	IK06
IP Rating	IP40
Colour Flexibility	Switchable CCT
UGR	19
Sensor	None
Dimmable	DALI-2
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM5
Emergency Option	None

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminals 0,5 - 1,5mm ²
Inrush Current	4.9A 154µs
Construction Material	Aluminium
Ambient Temperature	-20-50°C
Building Regulations	Part P & L
Mounting Options	Ceiling, Wall
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
NVB45DS	Black	450mm	26W	2700K	120°	2600	100	
				3000K		2800	108	
				4000K		3000	115	
NVB60DS	Black	600mm	40W	2700K	120	4200	117	
				3000K		4500	125	
				4000K		4800	133	
NVB90DS	Black	900mm	68W	2700K	120	7900	122	
				3000K		8300	128	
				4000K		9000	138	

Energy rating is a reflection of the LED light source.

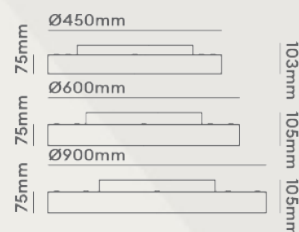
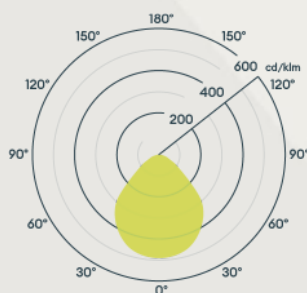
WIRING INFORMATION

Type Of Wiring Required	Parallel
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ACCESSORIES

NV45UPM	1100lm Uplight Kit (for Nova 450mm)	351
NV60UPM	1700lm Uplight Kit (for Nova 600mm)	351
NV90UPM	2400lm Uplight Kit (for Nova 900mm)	351
NVBSUS2M	2 metre, 5 core black suspension kit	351
NVWSUS2M	2 metre, 5 core white suspension kit	351

BEAM (°): 120





Colour switchable between 2700k, 3000k, & 4000k



Energy efficient up to 138lm/W



Available with DALI-2, 1-10V & PUSH-DIM

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

- Wide light emitting surface designed for superior optical control and comfortable light
- Makes rooms appear larger and wider
- Floating impression when surface-mounted
- Design-led pendant can be centrepiece of any room
- Wall mounted creates interest
- 450mm and 600mm can be wall mounted
- 4000K for focus scenes - 3000K for social scenes - 2700K for relaxation

NOVA WHITE

Designer light that can be suspended, surface or wall mounted

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Install Connector Type	Push-fit terminals 0,5 - 1,5mm ²
IP Rating	IP40	Inrush Current	4.9A 154µs
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
UGR	19	Ambient Temperature	-20-50°C
Sensor	None	Building Regulations	Part P & L
Dimmable	DALI-2	Mounting Options	Ceiling, Wall
Input	220-240V AC	Electric Class	II
LED Life	L70 50,000h		
CRI	CRI>80		
SDCM	SDCM5		
Emergency Option	None		

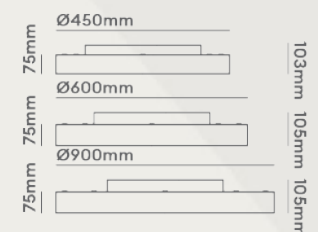
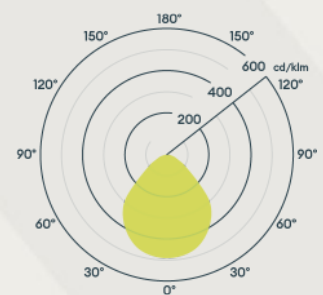
PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
NVW45DS	White	450mm	26W	2700K	120	2600	108	
				3000K		2800	117	
				4000K		3000	125	
NVW60DS	White	600mm	40W	2700K	120	4200	117	
				3000K		4500	125	
				4000K		4800	133	
NVW90DS	White	900mm	68W	2700K	120	7900	122	
				3000K		8300	128	
				4000K		9000	138	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES		
NV45UPM	1100lm Uplight Kit (for Nova 450mm)	351
NV60UPM	1700lm Uplight Kit (for Nova 600mm)	351
NV90UPM	2400lm Uplight Kit (for Nova 900mm)	351
NVBSUS2M	2 metre, 5 core black suspension kit	351
NVWSUS2M	2 metre, 5 core white suspension kit	351

BEAM (°): 120



SURFACE & SUSPENDED

111lm/W Energy efficient up to 111lm/W

UGR19 UGR19 for low glare

 Quick and easy installation without opening luminaire

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Classic shape luminaire with timeless design

Floating impression when surface mounted

Minimalist pendant is versatile to suit the decor of any room

Wall mounted creates interest

Versatile solution for multiple different applications

Integral emergency option (for wall mount application only)



ASTRA

Classic shape luminaire that can be suspended, surface or wall mounted

FEATURES

Impact Strength	IK06
IP Rating	IP40
Colour Flexibility	Single CCT
UGR	19
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM5
Emergency Option	Self-Test

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminals 0,5 - 1,5mm ²
Inrush Current	STD: 12A 0.112ms
Construction Material	Aluminium
Ambient Temperature	-20-50°C
Building Regulations	Part P & L
Mounting Options	Ceiling, Suspended
Electric Class	II

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
ASW451N40	White	Standard	18	4000K	90	2000	111		
ASW451N40ES	White	Emergency	18	4000K	90	2000	111	250	
ASW452N40	White	Standard	26	4000K	90	2600	100		
ASW452N40ES	White	Emergency	26	4000K	90	2600	100	250	

Energy rating is a reflection of the LED light source.

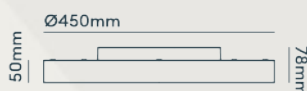
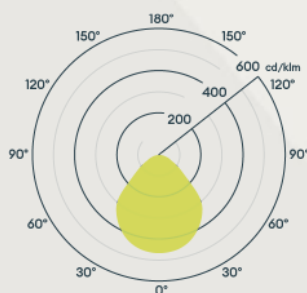
WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

ASWSUS2M	2 metre, 3 core white suspension kit	351
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BEAM (°): 90



NOVA & ASTRA ACCESSORIES

Make Your Fitting Perfect For Your Installation

Turn your light into a pendant or add a back lit effect to create the perfect look for your installation.



PRODUCT CODES

Product Code	Description	Guarantee
NV45UPM	1100lm Uplight Kit (for Nova 450mm)	5 Years
NV60UPM	1700lm Uplight Kit (for Nova 600mm)	5 Years
NV90UPM	2400lm Uplight Kit (for Nova 900mm)	5 Years
NVBSUS2M	Nova Pendant kit, 2 metre, 5 core black suspension kit	5 Years
NVWSUS2M	Nova Pendant kit, 2 metre, 5 core white suspension kit	5 Years
ASWSUS2M	Astra Pendant kit, 2 metre, 3 core white suspension kit	5 Years
EMRBST	Salvus Route black, High Performance Emergency Spot	4 Years, 2 Years on Battery
EMRWST	Salvus Route white, High Performance Emergency Spot	4 Years, 2 Years on Battery

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Nova 450mm Black	Nova 450mm White	Nova 600mm Black	Nova 600mm White	Nova 900mm Black	Nova 900mm White	Astra
NV45UPM	●	●	✗	✗	✗	✗	✗
NV60UPM	✗	✗	●	●	✗	✗	✗
NV90UPM	✗	✗	✗	✗	●	●	✗
NVBSUS2M	●	✗	●	✗	●	✗	✗
NVWSUS2M	✗	●	✗	●	✗	●	✗
ASWSUS2M	✗	✗	✗	✗	✗	✗	●
EMRBST	●	●	●	●	●	●	●
EMRWST	●	●	●	●	●	●	●

SURFACE & SUSPENDED

30W Ideal for task & comfort lighting

Colour switchable between 3000k, 3500K & 4000k

Available with DALI-2 or Non-Dim

GUARANTEE

5 years

BENEFITS

Floating impression when surface mounted

Design-led pendant can be centrepiece of any room

Makes rooms appear larger and wider

4000K for focus scenes - 3500K for task scenes - 3000K for social scenes



NARIA 1 P

Designer light that can be suspended, surface or wall mounted

FEATURES

Impact Strength	IK03
IP Rating	IP20
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	DALI-2
Input	220-240V AC
LED Life	L80 B10 90,000h
CRI	CRI>90
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Inrush Current	18.4A 0.3ms
Construction Material	Aluminium
Ambient Temperature	-20-45°C
Building Regulations	Part P & L
Mounting Options	Suspended
Electric Class	I

PHOTOMETRICS @ 25°C

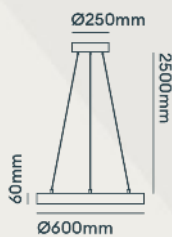
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
SUI8805	Matt Black	Non-dimmable	30	3000K	100	2590	86	
				3500K		2770	92	
				4000K		2850	95	
SUI8830	Matt White	Non-dimmable	30	3000K	100	3240	108	
				3500K		3390	113	
				4000K		3490	116	
SUI8905	Matt Black	DALI-2	30	3000K	100	2590	86	
				3500K		2770	92	
				4000K		2850	95	
SUI8930	Matt White	DALI-2	30	3000K	100	3240	108	
				3500K		3390	113	
				4000K		4390	116	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

SUI9432	Black Acoustic panel for NARIA 1 P
SUI9404	White Acoustic panel for NARIA 1 P
SUI9472	Grey Acoustic panel for NARIA 1 P





- 38W Ideal for general room lighting
- Colour switchable between 3000k, 3500K & 4000k
- Available with DALI-2 or Non-Dim

GUARANTEE
5 years

- BENEFITS**
- Floating impression when surface mounted
 - Design-led pendant can be centrepiece of any room
 - Makes rooms appear larger and wider
 - 4000K for focus scenes - 3500K for task scenes - 3000K for social scenes

NARIA 2 P

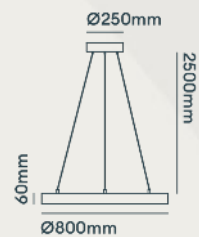
Designer light that can be suspended, surface or wall mounted

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK03	Install Connector Type	Push-fit terminal connector
IP Rating	IP20	Inrush Current	18.4A 0.3ms
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Sensor	None	Ambient Temperature	-20-45°C
Dimmable	DALI-2	Building Regulations	Part P & L
Input	220-240V AC	Mounting Options	Suspended
LED Life	L80 B10 90,000h	Electric Class	I
CRI	CRi>90		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
SU19005	Matt Black	Non-dimmable	38	3000K	100	3420	90	
				3500K		3710	98	
				4000K		3740	98	
SU19030	Matt White	Non-dimmable	38	3000K	100	4340	114	
				3500K		4560	120	
				4000K		4700	123	
SU19105	Matt Black	DALI-2	38	3000K	100	3420	90	
				3500K		3710	98	
				4000K		3740	98	
SU19130	Matt White	DALI-2	38	3000K	100	4340	114	
				3500K		4560	120	
				4000K		4700	123	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES	
SU19532	Black Acoustic panel for NARIA 2 P
SU19504	White Acoustic panel for NARIA 2 P
SU19572	Grey Acoustic panel for NARIA 2 P



SURFACE & SUSPENDED

50W Ideal for large and open area lighting

Colour switchable between 3000k, 3500K & 4000k

Available with DALI-2 or Non-Dim

GUARANTEE

5 years

BENEFITS

Floating impression when surface mounted

Design-led pendant can be centrepiece of any room

Makes rooms appear larger and wider

4000K for focus scenes - 3500K for task scenes - 3000K for social scenes



NARIA 3 P

Designer light that can be suspended, surface or wall mounted

FEATURES

Impact Strength	IK03
IP Rating	IP20
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	DALI-2
Input	220-240V AC
LED Life	L80 B10 90,000h
CRI	CRI>90
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Inrush Current	18.4A 0.3ms
Construction Material	Aluminium
Ambient Temperature	-20-45°C
Building Regulations	Part P & L
Mounting Options	Suspended
Electric Class	I

PHOTOMETRICS @ 25°C

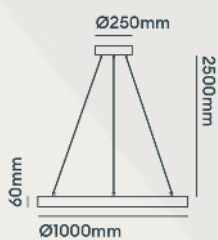
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
SUI9205	Matt Black	Non-dimmable	50	3000K	100	4340	87	
				3500K		4530	91	
				4000K		4770	95	
SUI9230	Matt White	Non-dimmable	50	3000K	100	5500	110	
				3500K		5750	115	
				4000K		5890	118	
SUI9305	Matt Black	DALI-2	50	3000K	100	4340	87	
				3500K		4530	91	
				4000K		4770	95	
SUI9330	Matt White	DALI-2	50	3000K	100	5500	110	
				3500K		5750	115	
				4000K		5890	118	

WIRING INFORMATION

Type Of Wiring Required Parallel

ACCESSORIES

SUI9632	Black Acoustic panel for NARIA 3 P
SUI9604	White Acoustic panel for NARIA 3 P
SUI9672	Grey Acoustic panel for NARIA 3 P





ANTI- CORROSIVE & BATTENS



ANTI-CORROSIVES & BATTENS

Versa Range

WATTAGE & CCT SWITCHABLE

Wattage switchable: one light, four wattage outputs

Caiman Versa & Borealis Versa provides four outputs in one product, resolving the need for a single or twin option and adding flexibility on site.

Advantages

- Reduces stockholding.
- Adjust using DIP switches on the driver during installation.

Caiman Versa

Product	Wattage output	Lumen output (max)
2ft	10 - 12 - 15 - 18W	1350 - 1800 - 2250 - 2700lm
4ft	18 - 25 - 31 - 37W	2775 - 3750 - 4650 - 5550lm
5ft	28 - 38 - 48 - 56W	4200 - 5700 - 7200 - 8400lm
6ft	33 - 45 - 56 - 67W	5025 - 6750 - 8400 - 10050lm

Borealis Versa

Product	Wattage output	Lumen output (max)
4ft	18 - 25 - 31 - 37W	2775 - 3750 - 4650 - 5550lm
5ft	28 - 38 - 48 - 56W	4200 - 5700 - 7200 - 8400lm
6ft	33 - 45 - 56 - 67W	5025 - 6750 - 8400 - 10050lm

Highest wattage is default setting

CCT switchable: one light, three CCT temperatures

Our colour switchable anti corrosive & battens allow you to stock 3 colour temperatures in 1 product (3000K, 4000K & 5700K). Polas Versa offers (3000K, 4000K & 6500K).

Advantages

- Customer can choose which colour they prefer.
- Adjust using a switch during installation.

3000K Warm White



4000K Cool White (default)



5700K Daylight



TERMINAL BLOCK

Caiman Versa

The terminal block is moveable to one of three different locations to accommodate the cable entry.



EASY INSTALLATION

Borealis Versa

The quick release buttons makes installation simple. Located on each end, and either side, they open up the batten to separate the diffuser and the gear tray from the base, with the hanging clips in place to ensure added convenience.



IP66 & IK10

Caiman Versa & Polas Versa

IP20 & IK06

Borealis Versa

5 OR 7 YEAR WARRANTY

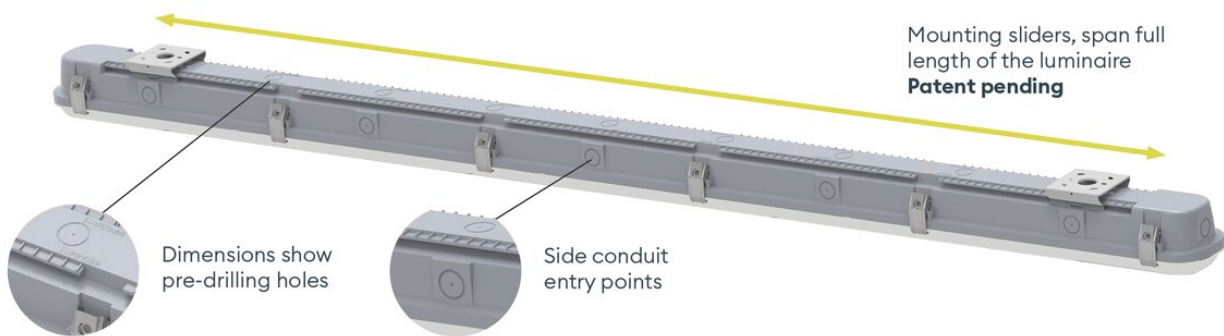
Offering a five-year warranty on Polas Versa, and a seven year warranty on Caiman Versa and Borealis Versa, so you can be assured of our commitment to quality.



TIME SAVING INSTALLATION

Fully flexible first-fix bracket

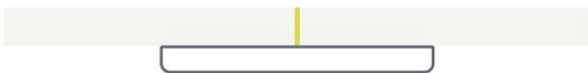
A unique full mounting slider which spans the full length of the luminaire on the back of the housing. The feature removes the need for measuring up where to place your bracket drill points because the bracket can go anywhere on the slider.



MOUNTING OPTIONS

Caiman Versa

Caiman Versa is suitable for when the mains cable entry is fed via the rear or the side conduit of the product. It can be mounted to BESA using accessory ACBESA or using the standard bracket supplied, installed on ceilings, walls or suspended on chain.



Polas Versa

Mains cable entry is fed via the side conduit entry to avoid the need to open the luminaire to install it! Through-wired as standard so luminaires when wired together light up as a group.



Borealis Versa

There are conduit/cable gland entry points from either side and the back of the fixture, which enables this product to satisfy many installation requirements, giving the option to conceal wiring behind the fixture or link them together via their loop-in loop-out terminal.

Rear cable entry



Side cable entry



BESA mounting options

Borealis Versa can be mounted directly on the surface, through the pre-drilled holes on the base of the fitting, The gear tray can be removed entirely or it can be suspended from the base, whilst you work to mount.

Surface mounted



ANTI-CORROSIVES & BATTENS

Versa range plug-in kits

DIMMABLE



0-10V, PUSH DIM
DALI-2

MICROWAVE



Microwave On-Off
Microwave STEP-DIM

EMERGENCY



Manual-test,
Self-test, DALI-2 test

CASAMBI



Wireless
Control

PLUG & PLAY KITS - CAIMAN VERSA & BOREALIS VERSA

The Versa range of Microwave sensor and Emergency options can adapt a luminaire in seconds to provide energy savings, dimming or safety. See below the options:

Product code	Description	Caiman Versa	Borealis Versa
ACKITMANEM	Manual Test Emergency plug-in Versabox	●	●
ACKITSELFEM	Self Test Emergency plug-in Versabox	●	●
ACKITDALIEM	DALI-2 Emergency plug-in Versabox	●*	●*
ACKITMWS	Microwave Sensor on/off plug-in kit	●	●
ACKITMWSDIM	Microwave Sensor Dim plug-in Versabox (requires 0-10V driver)	●*	●*

For other Casambi wireless functionality and One Connect wireless emergency contact Collingwood 01604 495 151

* Assembled on demand by Collingwood production.



ACCESSORIES - CAIMAN VERSA & BOREALIS VERSA

Product code	Description	Caiman Versa	Borealis Versa
ACREMOTEMWS	Remote for Microwave Sensor	●	●
ACBESA	BESA Mounting Bracket	●	-
PIRBOLT	M20 Bolt-on PIR On/Off with lux level switch	●	●
PIRBOLTDIM	M20 Bolt-on PIR Step-Dim with lux level switch (requires 0-10V driver)	●	●
PIRBOLTDIMREM	Remote control for use with PIRBOLTDIM	●	●
EMBOLTMCOR	3 hour emergency conversion pack, corridor area, manual test	●	●
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	●	●
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	●	●
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	●	●
CASBOLT7W	Casambi wireless M20 conduit entry PIR & Daylight, white, 7m	●	●

ACCESSORY - POLAS VERSA

Product code	Description	Polas Versa
POL30504	PIR sensor accessory	●



-  Colour switchable between 3000K & 4000K
-  Wattage switchable between 18, 22, 26 and 30W
-  IP66 and IK10 for total protection

CAIMAN TUBULAR

Waterproof tubular luminaire

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Push-fit terminal connector
IP Rating	IP66	Construction Material	PC
Sensor	Optional	Ambient Temperature	-20-40°C
Dimmable	DALI-2	SELV	No
Input	220-240V AC	Building Regulations	Part L
LED Life	L80 50,000h	Mounting Options	Ceiling, Wall
CRI	CRI>80	Electric Class	I
SDCM	SDCM6		



GUARANTEE

5 years

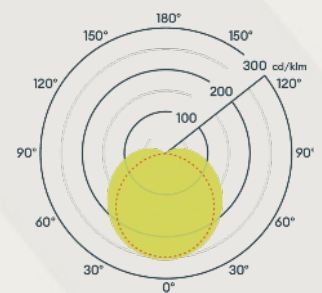
BENEFITS

Vandal-resistance luminaire suitable for outside spaces
 850°C Glow Wire
 Suspension kit and configurable microwave sensor (motion, twilight and switch-off warning) available separately.
 Supplied with 1.50m cable

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
TUB4D	DALI Dimmable	18W	3000K	120	2600	144	
			4000K		2900	161	
		21W	3000K		3300	157	
			4000K		3600	171	
		26W	3000K		4000	154	
			4000K		4200	162	
TUB4P	On-Off	18W	3000K	120	2600	144	
			4000K		2900	161	
		21W	3000K		3300	157	
			4000K		3600	171	
26W	3000K	4000	154				
	4000K	4200	162				
30W	3000K	4600	153				
	4000K	5000	167				

BEAM (°): 120



WIRING INFORMATION


Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm²


ACCESSORIES

TUBSUS3M	3m Suspension Kit
TUBMWS	Microwave Sensor Plug-in Kit
TUBRCMWS	Microwave Sensor Remote Control



 CCT switchable between 3000K, 4000K & 5700K

 Wattage Switchable between 10W, 12W, 15W & 18W

 IP66 and IK10 for total protection

GUARANTEE

Warranty: 7 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

Unique full length mounting slider allows complete freedom of mounting positions

Versabox plug and play kit range to accommodate project requirements

Rear and side housing conduit entry points

Quick release moveable terminal block to suit mains cable entry point

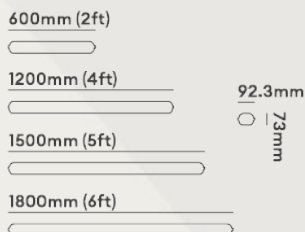
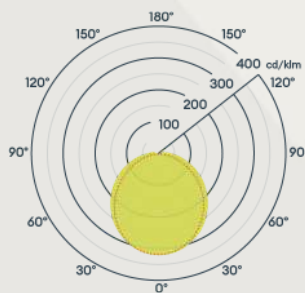
All installation points marked to aid accurate pre-drilling

Supplied with mounting clips, hanging bracket and compression gland

Quick connect through-wired version for side entry also available

DALI-2, 0-10V and DALI Emergency option available to order contact CWD


BEAM (°): 120



CAIMAN VERSA 2FT

CCT Colour & Wattage Switchable Anti-Corrosive with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Removeable, moveable, loop in/out
IP Rating	IP66	Inrush Current	16A 0.51ms
Colour Flexibility	Switchable CCT	Construction Material	PC
Sensor	None	Ambient Temperature	-25-40°C
Dimmable	None	SELV	No
Input	220-240V AC	Building Regulations	Part L
LED Life	L70 100,000h	Electric Class	I
CRI	CRI>80		
SDCM	SDCM6		
Emergency Option	None		

PHOTOMETRICS @ 25°C						
W	Colour	Beam (°)	lm	Lm/W	EM	Energy
10W	3000K	120	1330	144	240	
	4000K		1420	154	240	
	5700K		1420	154	240	
12W	3000K		1680	144	240	
	4000K		1800	154	240	
	5700K		1800	154	240	
15W	3000K		2100	144	240	
	4000K		2250	154	240	
	5700K		2250	154	240	
18W	3000K	2520	144	240		
	4000K	2700	154	240		
	5700K	2700	154	240		



Default Settings: 4000K colour temperature, 18W power consumption.

PRODUCT CODES			
AC2N	Standard	AC2D	DALI-2
AC2NEM	Emergency	AC2DED	DALI-2 DALI Emergency

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES	
ACKITMANEM	Manual Test Emergency Plug-in kit
ACKITSELFEM	Self Test Emergency Plug-in kit
ACKITMWS	Microwave Sensor on/off Plug-in Kit



-  CCT switchable between 3000K, 4000K & 5700K
-  Wattage Switchable between 18W, 25W, 31W & 37W
-  IP66 and IK10 for total protection

CAIMAN VERSA 4FT

CCT Colour & Wattage Switchable Anti-Corrosive with plug-in Versabox accessories


FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Removeable, moveable, loop in/out
IP Rating	IP66	Inrush Current	16A 0.5ms
Colour Flexibility	Switchable CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	-25-40°C
LED Life	L70 100,000h	SELV	No
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM6	Mounting Options	Ceiling, Wall
		Electric Class	I

GUARANTEE

Warranty: 7 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

- Unique full length mounting slider allows complete freedom of mounting positions
- Versabox plug and play kit range to accommodate project requirements
- Rear and side housing conduit entry points
- Quick release moveable terminal block to suit mains cable entry point
- All installation points marked to aid accurate pre-drilling
- Supplied with mounting clips, hanging bracket and compression gland
- Quick connect through-wired version for side entry also available
- DALI-2, 0-10V and DALI Emergency option available to order contact CWD

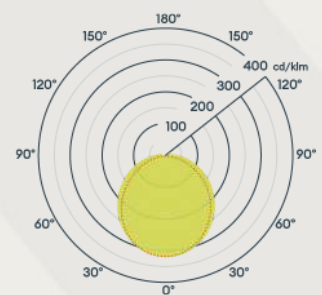
PHOTOMETRICS @ 25°C						
W	Colour	Beam (°)	lm	Lm/W	EM	Energy
18W	3000K	120	2590	144	240	
	4000K		2775	154	240	
	5700K		2775	154	240	
25W	3000K		3500	144	240	
	4000K		3750	154	240	
	5700K		3750	154	240	
31W	3000K		4340	144	240	
	4000K		4650	154	240	
	5700K		4650	154	240	
37W	3000K		5180	144	240	
	4000K	5550	154	240		
	5700K	5550	154	240		




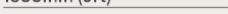
Default Settings: 4000K colour temperature, 37W power consumption.

PRODUCT CODES			
AC4D	DALI-2	AC4N	Standard
AC4DED	DALI-2 DALI Emergency	AC4NEM	On-Off Manual Test Emergency
AC4DEM	Emergency DALI-2 dimmable	AC4NES	On-Off Self Test Emergency
AC4DES	Emergency DALI-2 dimmable		

WIRING INFORMATION	
Type Of Wiring Required	Parallel

BEAM (°): 120



- 600mm (2ft) 
 - 1200mm (4ft) 
 - 1500mm (5ft) 
 - 1800mm (6ft) 
- 92.3mm
73mm



CCT switchable between 3000K, 4000K & 5700K



Wattage Switchable between 28W, 38W, 48W & 56W



IP66 and IK10 for total protection

GUARANTEE

Warranty: 7 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

Unique full length mounting slider allows complete freedom of mounting positions

Versabox plug and play kit range to accommodate project requirements

Rear and side housing conduit entry points

Quick release moveable terminal block to suit mains cable entry point

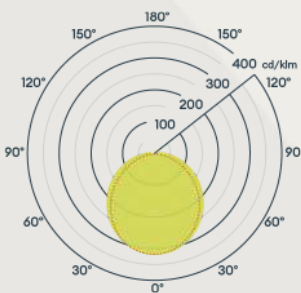
All installation points marked to aid accurate pre-drilling

Supplied with mounting clips, hanging bracket and compression gland

Quick connect through-wired version for side entry also available

DALI-2, 0-10V and DALI Emergency option available to order contact CWD

BEAM (°): 120



600mm (2ft)

1200mm (4ft)

1500mm (5ft)

1800mm (6ft)

92.3mm
73mm



CAIMAN VERSA 5FT

CCT Colour & Wattage Switchable Anti-Corrosive with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Removeable, moveable, loop in/out
IP Rating	IP66	Inrush Current	16A 0.51ms
Colour Flexibility	Switchable CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	-25-40°C
LED Life	L70 100,000h	SELV	No
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM6	Mounting Options	Ceiling, Wall
		Electric Class	I

PHOTOMETRICS @ 25°C

W	Colour	Beam (°)	lm	Lm/W	EM	Energy
28W	3000K	120	3920	140	230	
	4000K		4200	150	230	
	5700K		4200	150	230	
38W	3000K		5320	140	230	
	4000K		5700	150	230	
	5700K		5700	150	230	
48W	3000K		6720	140	230	
	4000K		7200	150	230	
	5700K		7200	150	230	
56W	3000K		7840	140	230	
	4000K		8400	150	230	
	5700K		8400	150	230	

Default Settings: 4000K colour temperature, 56W power consumption.


PRODUCT CODES

AC5D	DALI-2	AC5N	Standard	AC5V	0-10V
AC5DED	DALI-2 DALI Emergency	AC5NEM	On-Off Manual Test Emergency	AC5VEM	0-10V Manual Test Emergency
AC5DEM	5ft (1500mm) DALI-2 Manual Test Emergency	AC5NES	On-Off Self Test Emergency	AC5VES	0-10V Self Test Emergency
AC5DES	5ft (1500mm) DALI-2 Self Test Emergency				

WIRING INFORMATION

Type Of Wiring Required	Parallel
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-  CCT switchable between 3000K, 4000K & 5700K
-  Wattage Switchable between 33W, 45W, 56W & 67W
-  IP66 and IK10 for total protection

CAIMAN VERSA 6FT

CCT Colour & Wattage Switchable Anti-Corrosive with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Removeable, moveable, loop in/out
IP Rating	IP66	Inrush Current	16A 0.5ms
Colour Flexibility	Switchable CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	-25-40°C
LED Life	L70 100,000h	SELV	No
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM6	Electric Class	I

PHOTOMETRICS @ 25°C						
W	Colour	Beam (°)	lm	Lm/W	EM	Energy
33W	3000K	120	4690	142	200	
	4000K		5025	152	200	
	5700K		5025	152	200	
45W	3000K		6300	142	200	
	4000K		6750	152	200	
	5700K		6750	152	200	
56W	3000K		7840	142	200	
	4000K		8400	152	200	
	5700K		8400	152	200	
67W	3000K		9380	140	200	
	4000K		10050	150	200	
	5700K		10050	150	200	

Default Settings: 4000K colour temperature, 67W power consumption.

PRODUCT CODES			
AC6D	DALI-2	AC6N	Standard
AC6DED	DALI-2 DALI Emergency	AC6NEM	On-Off Manual Test Emergency
AC6DEM	6ft (1800mm) DALI-2 Manual Test Emergency	AC6NES	On-Off Self Test Emergency
AC6DES	6ft (1800mm) DALI-2 Self Test Emergency	AC6V	0-10V
		AC6VEM	0-10V Manual Test Emergency
		AC6VES	0-10V Self Test Emergency

WIRING INFORMATION	
Type Of Wiring Required	Parallel

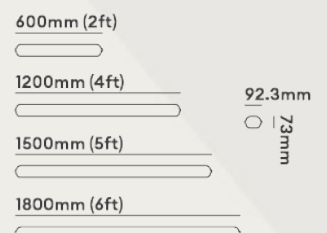
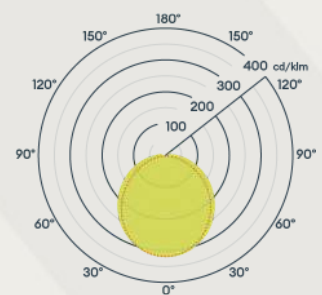
GUARANTEE

Warranty: 7 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

- Unique full length mounting slider allows complete freedom of mounting positions
- Versabox plug and play kit range to accommodate project requirements
- Rear and side housing conduit entry points
- Quick release moveable terminal block to suit mains cable entry point
- All installation points marked to aid accurate pre-drilling
- Supplied with mounting clips, hanging bracket and compression gland
- Quick connect through-wired version for side entry also available
- DALI-2, 0-10V and DALI Emergency option available to order contact CWD

BEAM (°): 120





Colour switchable between 3000K 4000K & 6500K



IP66 for total dust ingress protection



IK10 rated high resistance against impact and vandalism

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Tool-less installation method making for a fast installation

Designed for industrial and residential applications

Lightweight for easy handling

Through-wired as standard so luminaires when wired together light up as a group

Mounting brackets slide entire length of luminaire to help make refurbishment easier



POLAS VERSA 5FT

Colour switchable Batten with IP66 protection perfect for all applications

FEATURES	
Impact Strength	IK10
IP Rating	IP66
Colour Flexibility	Switchable CCT
UGR	22
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM4
Emergency Option	None

INSTALLATION INFORMATION	
Install Connector Type	Push-fit terminal, loop-in/loop-out
Inrush Current	13.6A 328us
Construction Material	PC
Ambient Temperature	-20-40°C
SELV	No
Building Regulations	Part P
Mounting Options	Ceiling, Wall
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
POL30104	White	Standard	43W	3000K	120	6300	149	A B
				4000K		6600	153	
				6500K		6500	153	
POL30304	White	DALI Dimmable	43W	3000K	120	6400	149	A B
				4000K		6600	153	
				6500K		6500	153	

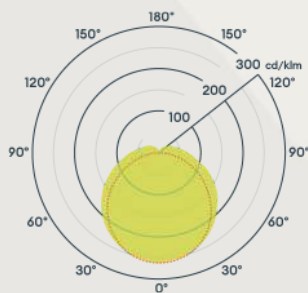
WIRING INFORMATION

Type Of Wiring Required: Parallel

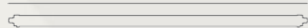
ACCESSORIES

POL30504: PIR sensor end cap for Polaris Versa

BEAM (°): 120



1600mm



65mm
□ 65mm



BOREALIS VERSA 4FT

CCT Colour & Wattage Switchable Batten with plug-in Versabox accessories




FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Install Connector Type	Removeable, moveable, loop in/out
IP Rating	IP20	Inrush Current	13.2A 0.28ms
Colour Flexibility	Switchable CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	-20-40°C
LED Life	L70 100,000h	SELV	No
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM6	Mounting Options	Ceiling
		Electric Class	I

PHOTOMETRICS @ 25°C						
W	Colour	Beam (°)	lm	Lm/W	EM	Energy
18W	3000K	120	2590	144	240	A B C
	4000K		2775	154	240	
	5700K		2775	154	240	
25W	3000K		3500	144	240	
	4000K		3750	154	240	
	5700K		3750	154	240	
31W	3000K		4340	144	240	
	4000K		4650	154	240	
	5700K		4650	154	240	
37W	3000K	5180	144	240		
	4000K	5550	154	240		
	5700K	5550	154	240		

Default Settings: 4000K colour temperature, 37W power consumption.

PRODUCT CODES			
BT4D	DALI-2	BT4NM	On-Off Microwave
BT4DED	DALI-2 DALI Emergency	BT4NMEM	On-Off Microwave Manual Test Emergency
BT4N	Standard	BT4NMES	On-Off Microwave Self Test Emergency
BT4NEM	On-Off Manual Test Emergency	BT4V	0-10V
BT4NES	On-Off Self Test Emergency	BT4VEM	0-10V Manual Test Emergency
		BT4VES	0-10V Self Test Emergency
		BT4VM	Step-Dim Microwave
		BT4VMEM	On-Off Step-Dim Microwave Manual Test Emergency
		BT4VMES	On-Off Step-Dim Microwave Self Test Emergency

WIRING INFORMATION	
Type Of Wiring Required	Parallel

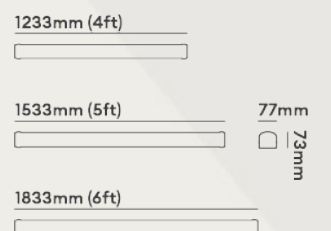
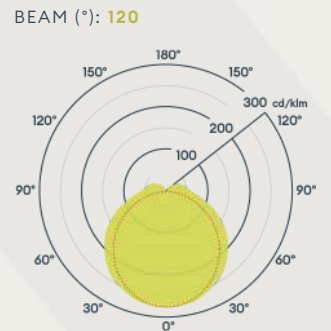
-  CCT switchable between 3000K, 4000K & 5700K
-  Wattage Switchable between 18W, 25W, 31W & 37W
-  Suspended gear tray for easy installation

GUARANTEE

Warranty: 7 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

- Versabox plug and play kit range to accommodate project requirements
- Multiple fixing points and several wiring options
- Ideal for sheds, garages and warehouses
- Diffuser is released by side buttons
- Self and Manual emergency option available
- DALI-2, 0-10V and DALI Emergency option available to order contact CWD





CCT switchable between 3000K, 4000K & 5700K



Wattage Switchable between 28W, 38W, 48W & 56W



Suspended gear tray for easy installation

GUARANTEE

Warranty: 7 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Versabox plug and play kit range to accommodate project requirements

Multiple fixing points and several wiring options

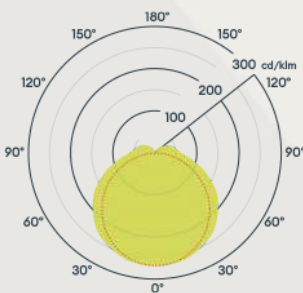
Ideal for sheds, garages and warehouses

Diffuser is released by side buttons

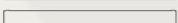
Self and Manual emergency option available

DALI-2, 0-10V and DALI
Emergency option available to order contact CWD

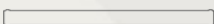
BEAM (°): 120



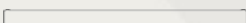
1233mm (4ft)



1533mm (5ft)



1833mm (6ft)



77mm
73mm



BOREALIS VERSA 5FT

CCT Colour & Wattage Switchable Batten with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Install Connector Type	Removeable, moveable, loop in/out
IP Rating	IP20	Inrush Current	16.1A 0.51ms
Colour Flexibility	Switchable CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	-20-40°C
LED Life	L70 100,000h	SELV	No
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM6	Mounting Options	Ceiling
		Electric Class	I

PHOTOMETRICS @ 25°C

W	Colour	Beam (°)	lm	Lm/W	EM	Energy
28W	3000K	120	3920	140	230	
	4000K		4200	150	230	
	5700K		4200	150	230	
38W	3000K		5320	140	230	
	4000K		5700	150	230	
	5700K		5700	150	230	
48W	3000K		6720	140	230	
	4000K		7200	150	230	
	5700K		7200	150	230	
56W	3000K	7840	140	230		
	4000K	8400	150	230		
	5700K	8400	150	230		

Default Settings: 4000K colour temperature, 56W power consumption.

PRODUCT CODES

BT5D	DALI-2	BT5NM	On-Off Microwave	BT5VES	0-10V Self Test Emergency
BT5DED	DALI-2 DALI Emergency	BT5NMEM	On-Off Microwave Manual Test Emergency	BT5VM	Step-Dim Microwave
BT5N	Standard	BT5NMES	On-Off Microwave Self Test Emergency	BT5VMEM	On-Off Step-Dim Microwave Manual Test Emergency
BT5NEM	On-Off Manual Test Emergency	BT5V	0-10V	BT5VMES	On-Off Step-Dim Microwave Self Test Emergency
BT5NES	On-Off Self Test Emergency	BT5VEM	0-10V Manual Test Emergency		

WIRING INFORMATION

Type Of Wiring Required	Parallel
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BOREALIS VERSA 6FT

CCT Colour & Wattage Switchable Batten with plug-in Versabox accessories

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Install Connector Type	Removeable, moveable, loop in/out
IP Rating	IP20	Inrush Current	2.36A 0.36ms
Colour Flexibility	Switchable CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	-20-40°C
LED Life	L70 100,000h	SELV	No
CRI	CRI>80	Building Regulations	Part L
SDCM	SDCM6	Mounting Options	Ceiling
		Electric Class	I

PHOTOMETRICS @ 25°C						
W	Colour	Beam (°)	lm	Lm/W	EM	Energy
33W	3000K	120	4690	142	200	
	4000K		5025	152	200	
	5700K		5025	152	200	
45W	3000K		6300	140	200	
	4000K		6750	150	200	
	5700K		6750	150	200	
56W	3000K		7840	140	200	
	4000K		8400	150	200	
	5700K		8400	150	200	
67W	3000K	9380	140	200		
	4000K	10050	150	200		
	5700K	10050	150	200		

Default Settings: 4000K colour temperature, 67W power consumption.

PRODUCT CODES			
BT6D	DALI-2	BT6NM	On-Off Microwave
BT6DED	DALI-2 DALI Emergency	BT6NMEM	On-Off Microwave Manual Test Emergency
BT6N	Standard	BT6NMES	On-Off Microwave Self Test Emergency
BT6NEM	On-Off Manual Test Emergency	BT6V	0-10V
BT6NES	On-Off Self Test Emergency	BT6VEM	0-10V Manual Test Emergency
BT6VES	0-10V Self Test Emergency	BT6VM	Step-Dim Microwave
BT6VMEM	On-Off Step-Dim Microwave Manual Test Emergency	BT6VMES	On-Off Step-Dim Microwave Self Test Emergency

WIRING INFORMATION	
Type Of Wiring Required	Parallel

- CCT switchable between 3000K, 4000K & 5700K
- Wattage Switchable between 33W, 45W, 56W, 67W
- Suspended gear tray for easy installation

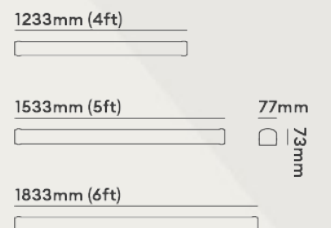
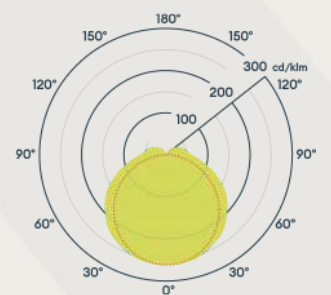
GUARANTEE

Warranty: 7 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

- Versabox plug and play kit range to accommodate project requirements
- Multiple fixing points and several wiring options
- Ideal for sheds, garages and warehouses
- Diffuser is released by side buttons
- Self and Manual emergency option available
- DALI-2, 0-10V and DALI Emergency option available to order contact CWD

BEAM (°): 120



ANTI-CORROSIVE & BATTEN ACCESSORIES

Make Your Caiman & Borealis Versa Perfect For Your Installation

Optional Plug & Play kits and accessories for the perfect installation, combine excellence and unrivalled cost savings.



PRODUCT CODES

Product Code	Description	Guarantee
ACKITMANEM	Manual Test Emergency Plug-in kit	5 Years
ACKITSELFEM	Self Test Emergency Plug-in kit	5 Years
ACKITDALIEM	DALI-2 Emergency Plug-in Kit	5 Years
ACKITMWS	Microwave Sensor on/off Plug-in Kit	5 Years
ACKITMWSDIM	Microwave Sensor Dim Plug-in Kit (requires 0-10V driver)	5 Years
ACREMOTEMWS	Remote for Microwave Sensor	5 Years
ACBESA	BESA mounting bracket	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Caiman Versa 2ft	Caiman Versa 4ft	Caiman Versa 5ft	Caiman Versa 6ft	Borealis Versa 4ft	Borealis Versa 5ft	Borealis Versa 6ft
ACKITMANEM	●	●	●	●	●	●	●
ACKITSELFEM	●	●	●	●	●	●	●
ACKITDALIEM	✗	●*	●*	●*	●*	●*	●*
ACKITMWS	●	●	●	●	●	●	●
ACKITMWSDIM	✗	●*	●*	●*	●*	●*	●*
ACREMOTEMWS	Compatible with ACKITMWSDIM & ACKITMWS						
ACBESA	●	●	●	●	✗	✗	✗

* Assembled on demand by Collingwood production.

Specification sheets available at collingwoodlighting.com



PRODUCT CODES

Product Code	Description	Guarantee
PIRBOLT	On/Off PIR sensor with Lux level switch	5 Years
PIRBOLTDIM	Dimming PIR Sensor with Lux level switch (requires 0-10V driver)	5 Years
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	4 Years, 2 Years on battery
EMBOLTCOR	3 hour emergency conversion pack, corridor area, manual test	4 Years, 2 Years on battery
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	4 Years, 2 Years on battery
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	4 Years, 2 Years on battery
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	4 Years, 2 Years on battery
CASBOLT7W	Casambi wireless M20 conduit entry PIR & Daylight, white, 7m	5 Years

For other Casambi wireless functionality and One Connect wireless emergency contact Collingwood 01604 495 151

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Caiman Versa 2ft	Caiman Versa 4ft	Caiman Versa 5ft	Caiman Versa 6ft	Borealis Versa 4ft	Borealis Versa 5ft	Borealis Versa 6ft
PIRBOLT	●	●	●	●	●	●	●
PIRBOLTDIM	●	●	●	●	●	●	●
PIRBOLTDIMR	Compatible with PIRBOLTDIM						
EMBOLTCOR	●	●	●	●	●	●	●
EMBOLTMOPEN	✗	●	●	●	●	●	●
EMBOLTSCOR	●	●	●	●	●	●	●
EMBOLTSOPEN	●	●	●	●	●	●	●
CASBOLT7W	●	●	●	●	●	●	●

* Assembled on demand by Collingwood production.

HIGH/LOW BAYS



ENGINEERED FOR PERFORMANCE,



THE ULTIMATE HIGH BAY

TRI BAY

- Suitable for Open Areas & Racking Aisles
- CCT Switchable
- Wattage Switchable
- Beam Switchable
- PIR & Microwave Sensors
- Emergency kit



THE FLEXIBLE HIGH BAY

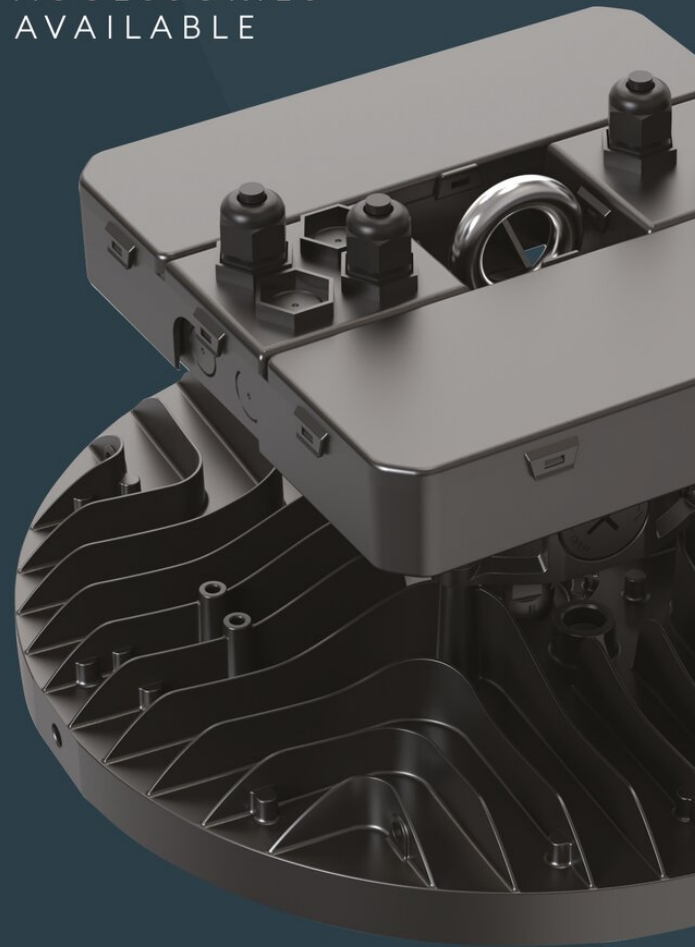
FLEX BAY

- Suitable for Open Areas
- Wattage Switchable
- PIR & Microwave Sensors
- Emergency kit

Product	CCT Switchable	Wattage Switchable	Beam Switchable	Suitable for Open Areas	Suitable for Racking Aisles	IK Rating
Tri Bay	●	●	●	●	●	IK10
Flex Bay	✗	●	✗	●	✗	IK08
Gen Bay	✗	✗	✗	●	✗	IK08

SIMPLE TO SPEC, EASY TO INSTALL

EMERGENCY
ACCESSORIES
AVAILABLE



THE ESSENTIAL HIGH BAY

GEN BAY

- Suitable for Open Areas
- PIR & Microwave Sensors
- Emergency kit

Dimming	PIR/Microwave Sensor Accessory	Emergency Accessory Self-Test & Manual Test	Low Glare Refractor Accessory	Wire Guard Accessory	Casambi Compatible
0-10V	Easy Twist & Lock	●	●	●	●
0-10V	Easy Twist & Lock	●	X	X	●
X	Microwave Bolt-On	●	X	X	X

FLEXIBILITY WITH SWITCHES

High Bays

OPEN AREAS & AISLE LIGHTING (BEAM SWITCHABLE)

Beam switchable High Bays allow you to use the same product for both open areas and racking aisles. This gives you added flexibility on site and your customer flexibility if they move their warehouse around.

Open Areas (Symmetric Beam)

Wide beam angle to cast and even spread of light across an open area.



Racking Aisles (Asymmetric Beam)

Asymmetric to point light in thinner line to fill a racking aisle. Using this will reduce the number of fittings in an aisle saving time and money. It's also smaller and lighter weight than a conventional low bay.



Available with Tri Bay.

CCT SWITCHABLE

Easily choose between 4000K and 6500K with a switch located under an IP65 cap.

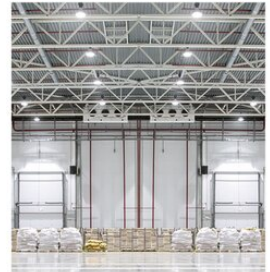
4000K

The industry standard in warehouses and similar to fluorescent lamps previously used in warehouses.



6500K

Close to daylight bringing the outdoors in to a space typically without windows. It also makes people feel more alert improving productivity.



Available with Tri Bay.

WATTAGE SWITCHABLE

Easily choose between wattages with a switch located under an IP65 cap.

Lowest Output



Mid Output



Highest Output



Available with Tri Bay & Flex Bay.

EFFICIENCY WITH SENSORS

High Bays

MOTION SENSORS - QUICK & EASY INSTALLATION

Save time on the installation ultimately savings costs on installation.

Quick tool-less connection

Tool-less, plug-in and twist sensors make installation quick & easy for you to adopt lighting control, even interchange your sensors should your floorspace be re-configured.



Takes under
3 seconds



Installation is
Tool-less

Simple & easy remote

Commission your Area Bay from the floor.

Hold Time: how long the light stays on after movement is no longer detected
Stand-by Dimming: what level the light should dim to after movement is no longer detected
Stand-by Period: how long after no movement is detected, does the luminaire wait until switching off
Detection Range: enables you to adjust the sensitivity of sensor
Daylight Threshold: set to only switch the light on when the natural light in the space is insufficient for the task

Product code :
UNREMOTEMWS



PIR VS MICROWAVE SENSORS

It's important to know when to choose between a PIR sensor and a Microwave sensor.

PIR sensor

Ideal for use in aisles. Up to 12m high. Perfect for avoiding nuisance triggering in areas that may have vibrations.

Product code : **HBPIR**
with daylight switch

Product code : **HBPIRDL**
PIR with daylight harvest sensor

For PIR sensors over 12m please contact us on 01604 495 151



Microwave sensor

Ideal for use in open areas. Up to 15m high. Perfect for areas that need to trigger when the sensor is not in a direct line of sight.

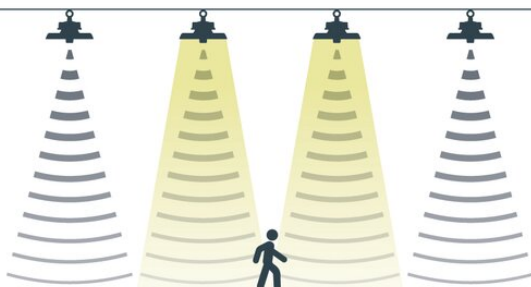
Product code : **HBMWS**
with daylight switch



USE SENSORS FOR INDIVIDUAL OR GROUP CONTROL

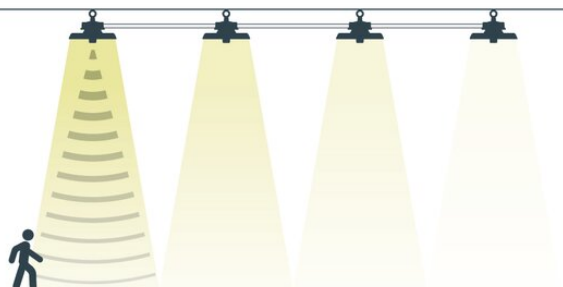
Individual Control

Each high bay has its own sensor, which can be mounted up to a recommended height of 13m. Maximise your energy savings by only switching on the light you are working under.



Group Control

Each high bay is connected using a 0-10V control line. Avoid complete darkness and create safety by maintaining a low level of light when no-one is present.



FEATURES & ACCESSORIES

High Bays

MICROWAVE SENSOR (UP TO 15M)

When you need a microwave sensor that detects movement from up to 15m.
Product code : **HBMWS**

Motion sensor

Only turn your light on when movement is detected.

Daylight switching

On/off control with time delay and daylight switching (8-15 metres max).

Quick & easy installation

Kit includes a junction box for cabling and counter weight for balance.



EMERGENCY

The emergency unit is designed to be quick and easy to install and offer both self and manual test.

- Self-Test & Manual-Test in one
- Easy to wire push-fit terminals
- Sits at top of High Bay for balance



CASAMBI COMPATIBLE

Easily control your High Bays wirelessly without the need for additional cables.

- Ideal for retrofits to turn lighting smart
- Save time and money on install
- Quick & easy commissioning
- Zhaga PIR & Daylight Sensor
- Wireless node

Zhaga PIR & Daylight Sensor:
CASZHAGAMB

Zhaga Wireless Node:
CASZHAGASB



LOW GLARE MESH

Ideal for locations with detail orientated work such as garage's where employee's don't want glare in their eyes.

Mesh	Compatible Product
HBTBIHCM	Tri Bay (80W-120W)
HBTB2HCM	Tri Bay (100W-200W)

Using the low glare mesh will result in a lower lumen output.



REFRACTORS

Boost your light distribution and reduce glare with a decorative refractor.



Refractor	Compatible Product
HBA2REFR	Tri Bay (80W-120W)
HBA4REFR	Tri Bay (100W-200W)

WIRE GUARD

Protect your high bay in locations where contact is more likely such as sports halls where a ball could impact the light.



Wire Guard	Compatible Product
HBTBIWG	Tri Bay (80W-120W)
HBTB2WG	Tri Bay (100W-200W)

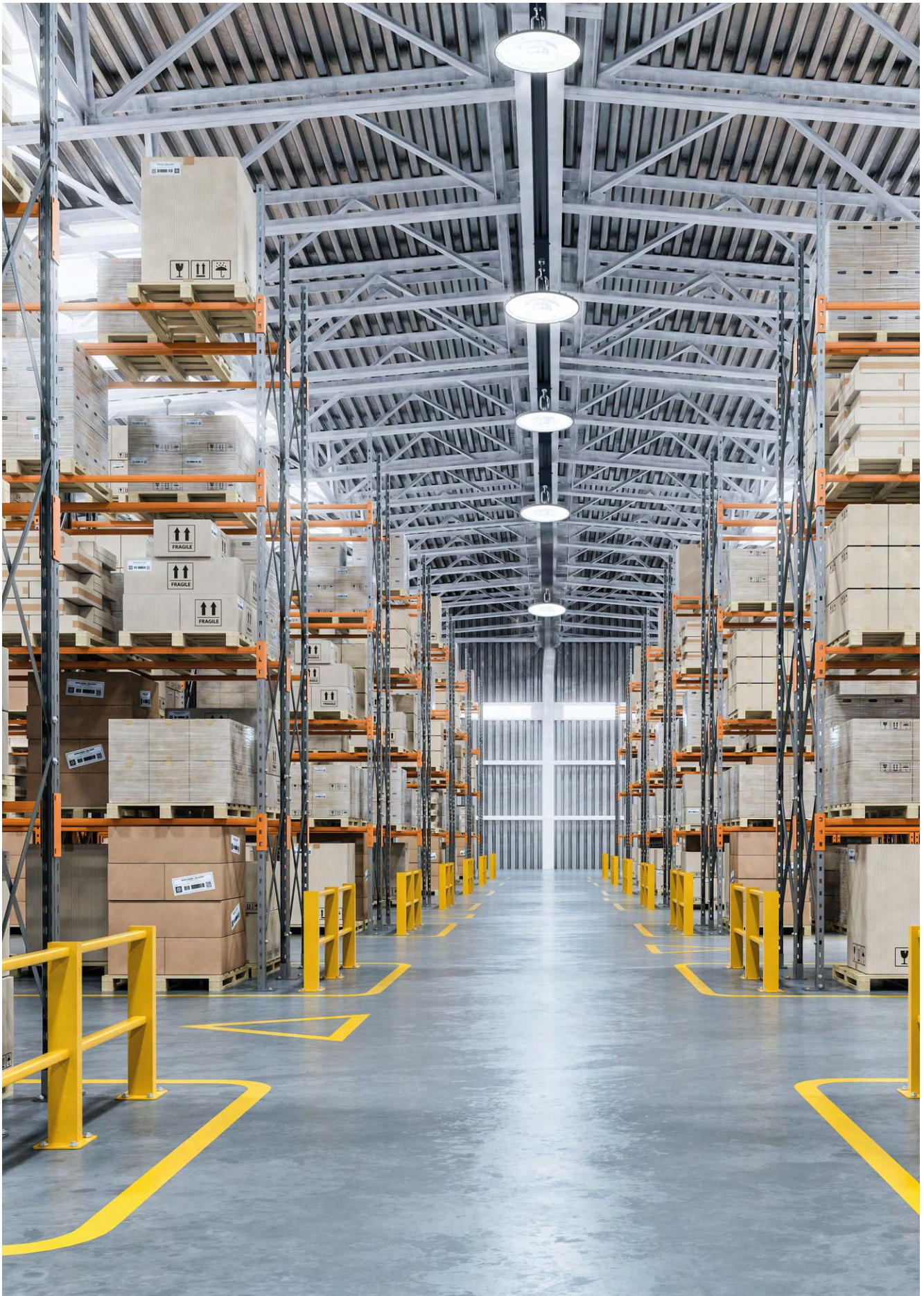
DIMMING

You can dim your high bay with 0-10V or Casambi dimming.

0-10V & Casambi Dimming



Available with Tri Bay & Flex Bay.

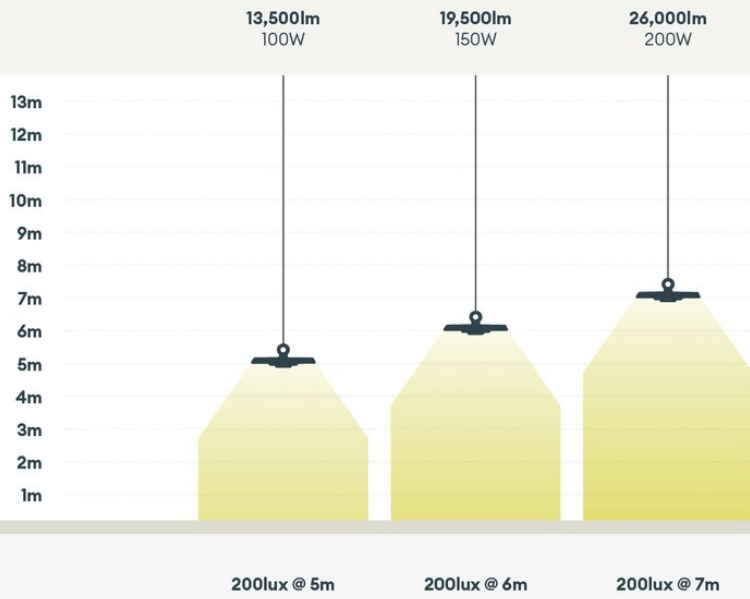


DESIGN GUIDE

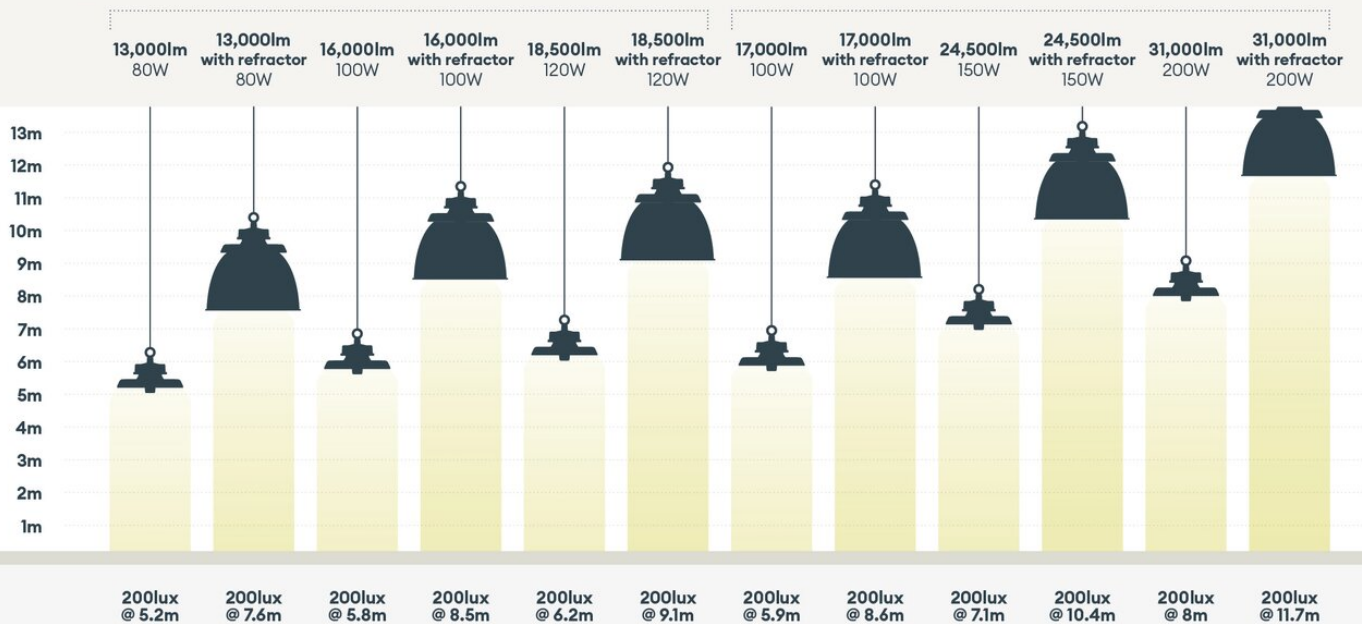
High Bays

Use the diagram below to choose your ideal high bay, or for a consultation on your requirements, contact our expert team today.

Gen Bay



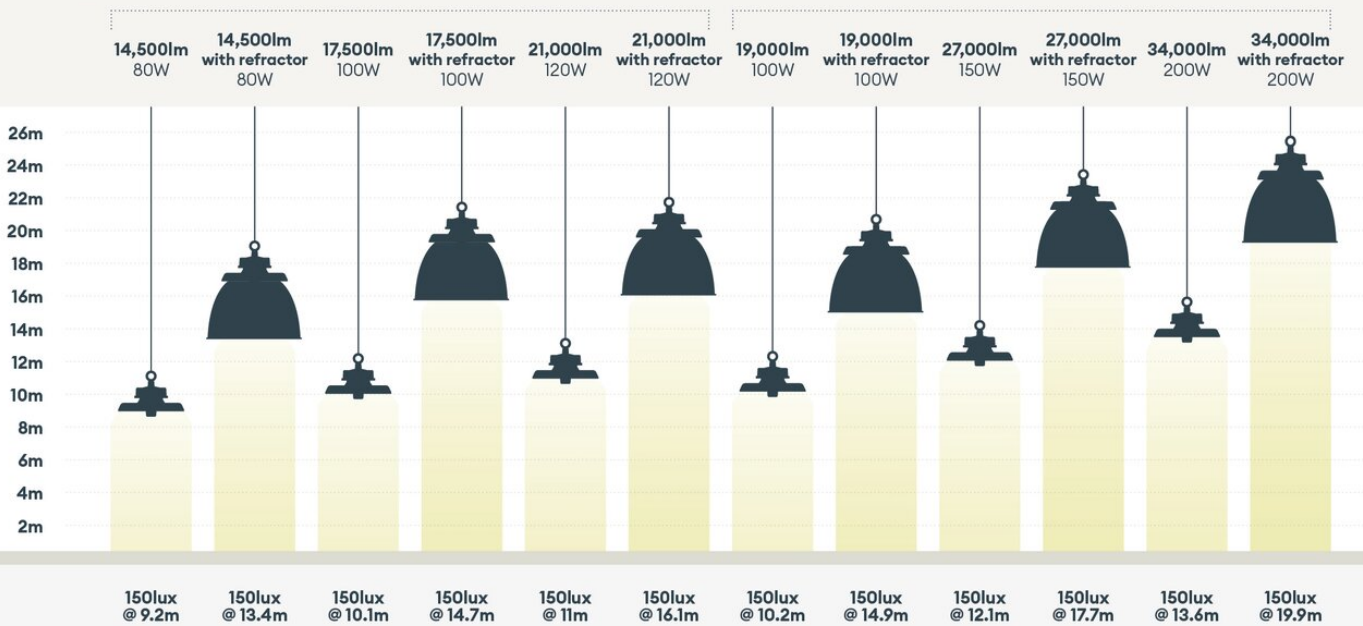
Tri Bay - Open Areas Symmetric Beam (200lux is ideal)



Flex Bay



Tri Bay - Rack Aisles - Asymmetric Beam (150lux is ideal)



HIGH/LOW BAYS

135lm/W

High efficacy of 135lm/W



Sensor kit includes junction box and counter weight



Manual/Self-Test Emergency

GUARANTEE

Warranty: 3 years
Battery Warranty: 3 years
On-Site Warranty: 2 years

BENEFITS

Economical high bay for fast return on investment

Easy to add microwave sensor kit includes junction box and counter weight

On/off control with time delay and daylight switching (8-15 metres max)

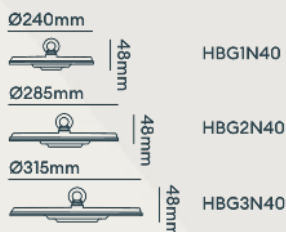
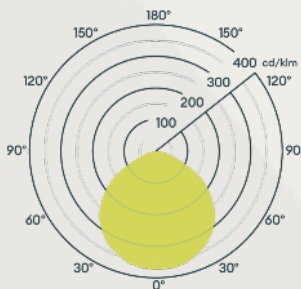
Ultra slim and light weight highbay for easy handling

Pre-wired with 1.0m H05RN-F 3x1.0mm² Ø7mm

Suitable for jack chain, M10 drop rod or catenary wire suspension

IK08 for robust impact protection

IP65 both luminaire and emergency pack



GENBAY

Ultra-slim and lightweight highbay for lighting general applications

FEATURES

Impact Strength	IK08
IP Rating	IP65
Colour Flexibility	Single CCT
Sensor	On-Off
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	Manual-Test,Self-Test

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	10A 100us
Construction Material	ADC12 Aluminium Alloy
Ambient Temperature	-30-40°C
SELV	No
Building Regulations	Part P & L
Mounting Options	Ceiling,Suspended
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
HBGIN40	100W	4000K	110	13500	135	
HBG2N40	150W	4000K	110	19500	130	
HBG3N40	200W	4000K	110	26000	130	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)
Conductor Cross Section	1mm ²

ACCESSORIES

HBGMWS	Microwave sensor kit for GenBay High Bay	383
HBGEMCIMS	Emergency Converter Manual & Self Test	383

GEN BAY ACCESSORIES

Make Your Gen Bay Perfect For Your Installation

Optional microwave sensor and emergency accessories.

	HBGMWS	HBGEMC1MS	HBROD
Accessory on its own			-
Accessory on product			

PRODUCT CODES

Product Code	Description	Guarantee
HBGMWS	Microwave sensor kit for GenBay High Bay	5 Years
HBGREF1015	UGR22 Refractor for GenBay 100W	5 Years
HBGREF1520	UGR22 Refractor for GenBay 150/200W	5 Years
HBGEMC1MS	Emergency Converter Manual & Self Test	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	GenBay 100W	GenBay 150W	GenBay 200W
HBGMWS	●	●	●
HBGREF1015	●	✗	✗
HBGREF1520	✗	●	●
HBGEMC1MS	●	●	●
HBROD	●	●	●

HIGH/LOW BAYS

150lm/W

High efficiency up to 150lm/W



Wattage switchable from 100W to 200W

EM

Emergency options for Manual-test or Self-test

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Twist and lock Zhaga sensor range enables the installer to wire lighting controls in seconds

Choice of PIR, microwave, daylight and wireless control options saves energy and takes just seconds to fit, just plug-in to the centre of the high bay

Compact and lightweight, our product can be held in one hand and installed by a single person

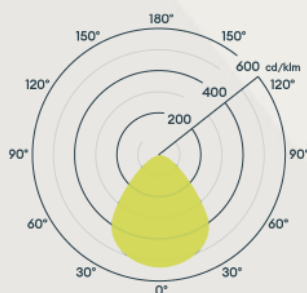
Removeable driver for easy maintenance

Impact and corrosion resistant aluminium housing which is 100% recyclable

Pre-wired with 1.0m H05RN-F 3x1.0mm² Ø7mm

Suitable for jack chain, M10 drop rod or catenary wire suspension

BEAM (°): 90



Ø260mm



155mm
120mm

Ø297mm HBAS2V40



167mm
122mm



FLEXBAY

High performance wattage switchable high bay luminaire with plug-in sensor options

FEATURES

Impact Strength	IK08
IP Rating	IP65
Colour Flexibility	Single CCT
UGR	29
Sensor	PIR
Dimmable	0-10V, Casambi
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM5
Emergency Option	Manual-Test, Self-Test, DALI-2

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	HBASIV40: 88A 122µs, HBAS2V40: 94.5A 160µs
Construction Material	ADC12 Aluminium Alloy
Ambient Temperature	-20-50°C
Building Regulations	Part P & L
Mounting Options	Ceiling, Suspended
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
HBASIV40	100	4000K	90	15000	150	
	125	4000K		18800	150	
	150	4000K		22500	150	
HBASIV40EMS	100	4000K	90	15000	150	
	125	4000K		18800	150	
	150	4000K		22500	150	
HBAS2V40	150	4000K	90	22500	150	
	175	4000K		26300	150	
	200	4000K		30000	150	
HBAS2V40EMS	150	4000K	90	22500	150	
	175	4000K		26300	150	
	200	4000K		30000	150	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)
Conductor Cross Section	1mm ²

ACCESSORIES

HBPIRDLD	Passive infra-red motion sensor with daylight harvesting photocell	385
HBMWS	Motion sensor with daylight threshold switch (8-15m)	385
UNREMOTEMWS	Universal Remote control for Microwave sensor	385
HBLEMC3MS	Highbay Manual + Self Test Emergency Converter	

FLEX BAY ACCESSORIES

Make Your Gen Bay Perfect For Your Installation

Optional microwave sensor and emergency accessories.



PRODUCT CODES

Product Code	Description	Guarantee
HBPIRDLD	Area Bay PIR + Daylight Harvest Sensor (12m)	5 Years
HBPIR	Area Bay PIR/Daylight Sensor (12m)	5 Years
HBMWS	Area Bay Microwave/Daylight Sensor (15m)	5 Years
HBDLS	Area Bay Daylight Sensor	5 Years
CASZHAGASB	Casambi wireless node	5 Years
CASZHAGAMB	PIR + daylight Casambi wireless sensor (12m)	5 Years
UNREMOTEMWS	Remote control for sensors	5 Years
HBLEMC3D	DALI-2 Emergency Converter, 6W-1000lm 3hr Maintained	5 Years
HBLEMC3MS	High Bay Emergency Converter	5 Years
HBROD	Rod for suspension mounting High Bays	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Flex Bay 100-150W	Flex Bay 150-200W
HBPIRDLD	●	●
HBPIR	●	●
HBMWS	●	●
HBDLS	●	●
CASZHAGASB	●	●
CASZHAGAMB	●	●
UNREMOTEMWS	●	●
HBLEMC3MS	●	●
HBLEMC3D	●	●
HBROD	●	●

HIGH/LOW BAYS



Wattage Switchable between 80W, 100W and 120W



Colour Switchable between 3000K or 4000K



Beam Angle Switchable between 100° or 90x30°

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Reconfigure your lighting scheme by simply sliding the beam angle switch to adapt an open area to be racking or vice versa

30x90 beam angle switchable to 4000K only

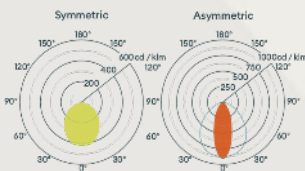
Choice of PIR, microwave, daylight and wireless control options saves energy and takes just seconds to fit, just plug-in to the centre of the high bay

Compact and lightweight, our product can be held in one hand and installed by a single person. Removeable driver for easy maintenance.

Impact and corrosion resistant aluminium housing which is 100% recyclable

Anti-glare honeycomb mesh accessory available to reduce glare to UGR25

BEAM (°): 100, 30X90



Ø260mm



HBT1

Ø310mm



HBT2



TRI BAY 80-100-120W

Wattage, Colour & Beam Switchable High Bay designed for lighting both Open areas and Racking

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Flying lead
IP Rating	IP65	Construction Material	ADC12 Aluminium Alloy
Colour Flexibility	Switchable CCT	Ambient Temperature	-30-40°C
Input	220-240V AC	SELV	Yes
LED Life	L70 100,000h	Building Regulations	Part P
CRI	CRI>80	Mounting Options	Suspended
SDCM	SDCM4	Electric Class	I

PHOTOMETRICS @ 25°C

Beam (°)	W	Colour	lm	Lm/W	Energy
100	80W	4000K	13000	163	
		6500K	12200	153	
	100W	4000K	16000	160	
		6500K	15000	150	
	120W	4000K	18500	154	
		6500K	18000	148	
30x90	80W	4000K	14500	181	
		6500K	N/A	N/A	
	100W	4000K	17500	N/A	
		6500K	N/A	175	
	120W	4000K	21000	175	
		6500K	N/A	N/A	

Emergency variant only available in 4000K with a 100° beam angle. Energy rating reflects the LED light source.

PRODUCT CODES

HBTB1V 0-10V **HBTB1EM4K100D** Emergency

WIRING INFORMATION

Type Of Wiring Required Parallel
Power Cable H05RN-F (dia 7mm)

ACCESSORIES

See all TRI BAY accessories on Page 388



- Wattage Switchable between 80W, 100W and 120W
- Colour Switchable between 3000K or 4000K
- Beam Angle Switchable between 100° or 90x30°

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Reconfigure your lighting scheme by simply sliding the beam angle switch to adapt an open area to be racking or vice versa

30x90 beam angle switchable to 4000K only

Choice of PIR, microwave, daylight and wireless control options saves energy and takes just seconds to fit, just plug-in to the centre of the high bay

Compact and lightweight, our product can be held in one hand and installed by a single person. Removeable driver for easy maintenance.

Impact and corrosion resistant aluminium housing which is 100% recyclable

Anti-glare honeycomb mesh accessory available to reduce glare to UGR25

Steel wireguard accessory to protect the luminaire from impact

TRI BAY 100-150-200W

Wattage, Colour & Beam Switchable High Bay designed for lighting both Open areas and Racking

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Flying lead
IP Rating	IP65	Construction Material	ADC12 Aluminium Alloy
Colour Flexibility	Switchable CCT	Ambient Temperature	-30-40°C
Input	220-240V AC	SELV	Yes
LED Life	L70 100,000h	Building Regulations	Part P
CRI	CR1>80	Mounting Options	Suspended
SDCM	SDCM4	Electric Class	I

PHOTOMETRICS @ 25°C					
Beam (°)	W	Colour	lm	Lm/W	Energy
100	100W	4000K	17000	170	
		6500K	16000	160	
	150W	4000K	24500	163	
		6500K	24000	160	
	200W	4000K	31000	165	
		6500K	29000	145	
30x90	100W	4000K	19000	190	
		6500K	N/A	N/A	
	150W	4000K	27000	N/A	
		6500K	N/A	180	
	200W	4000K	34000	170	
		6500K	N/A	N/A	

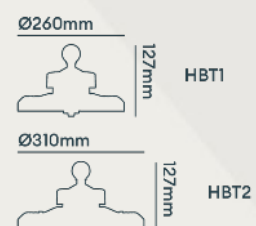
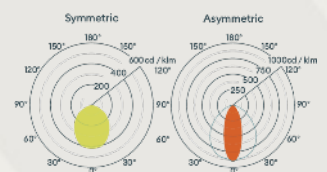
Emergency variant only available in 4000K with a 100° beam angle. Energy rating reflects the LED light source.

PRODUCT CODES	
HBTB2V	0-10V
HBTB2EM4K100D	Emergency

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES	
See all TRI BAY accessories on Page 388	









BEAM (°): 100, 30X90



TRI BAY ACCESSORIES

Make Your Tri Bay Perfect For Your Installation

Optional microwave sensors, refractors, brackets and remote control accessories combine excellence and unrivalled cost savings.

	HBPIRDLD	HBMWS	HBDLS	UNREMOTEMWS (sensor remote)	CASZHAGAMB	CASZHAGASB	HBLEMC3MS
Accessory on its own							
Accessory on its own	-	-	-	-	-	-	

PRODUCT CODES

Product Code	Description	Guarantee
HBPIRDLD (0-10V Only)	PIR & Daylight Dim Harvest Sensor	5 years
HBMWS (0-10V Only)	Microwave & Daylight Switch Sensor	5 years
HBDLS (0-10V Only)	Daylight Dim Harvest Sensor with Photocell	5 years
UNREMOTEMWS	Remote control for use with HBPIRDLD , HBMWS or HBDLS	5 years
CASZHAGAMB	Casambi Wireless Zhago PIR & DL Sensor Black 12m	5 years
CASZHAGASB	Casambi Wireless Zhaga Node Black 12m	5 years
HBLEMC3MS	High Bay Emergency Converter	5 years
HBLEMC3D (DALI-2 Only)	DALI-2 Emergency Converter, 6W-1000lm 3hr Maintained	5 years
HBTB1HCM	Honecomb Mesh for Tri Bay 80-120W	5 years
HBTB2HCM	Honecomb Mesh for Tri Bay 100-200W	5 years
HBTB1WG	Wireguard for Tri Bay 80-120W	5 years
HBTB2WG	Wireguard for Tri Bay 100-200W	5 years
HBA2REFR	Refractor for Tri Bay 80-120W	5 years
HBA4REFR	Refractor for Tri Bay 100-200W	5 years
HBROD	Rod for suspension mounting High Bays	5 years

For full product specification visit collingwoodlighting.com

HBLEMC3D

HBTB1HCM

HBTB2HCM

HBTB1WG

HBTB2WG

HBA2REFR
(for 120W)

HBA4REFR
(for 200W)

HBROD



COMPATIBLE WITH

Product Code	Tri Bay 80-100W	Tri Bay 100-200W
HBPIRDLD (0-10V Only)	●	●
HBMWS (0-10V Only)	●	●
HBDLS (0-10V Only)	●	●
UNREMOTEMWS	●	●
CASZHAGAMB	●	●
CASZHAGASB	●	●
HBLEMC3MS	●	●
HBLEMC3D (DALI-2 Only)	●	●
HBTB1HCM	●	●
HBTB2HCM	●	●
HBTB1WG	●	✗
HBTB2WG	✗	●
HBA2REFR	●	✗
HBA4REFR	✗	●

HIGH/LOW BAYS



LiFePO4 battery



Battery Temperature Monitored



DALI-2
Addressable,
Manual & Self Test
Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Housing is rugged and made of polycarbonate

Ideal solution for warehouses and industrial applications

15 metres mounting height, provides 1 lux (escape route) at floor level when using 29 metre spacings

Captive screws for easy installation

Self-test function can be easily disabled by removing green 2-pin jumper connector



SALVUS MAX BULKHEAD

1500lm High Output Bulkhead

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Push-fit terminal connector
IP Rating	IP65	Inrush Current	EMBMXWMS: 4A 1ms, EMBMAXWD: 4A 1ms
Colour Flexibility	Single CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	0-40°C
LED Life	L70 50,000h	Mounting Options	Wall
		Electric Class	I
		Standby Power	8W

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBMXWD	White	DALI-2	Non-Maintained	LiFePO4 6.4V 5500mAh	8W	6500K	103	1500	188	1500
EMBMXWMS	White	Manual & Self Test	Non-Maintained	LiFePO4 6.4V 5500mAh	8W	6500K	103	1500	188	1500

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

328mm

165mm



76mm



HIGH/LOW BAYS



Self-test and
Manual-test
switchable



IP65 for exterior and
interior installations



A minimum of 3
hours of emergency
lighting

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Dedicated LED module provides
1000lm

In-line-mounted unit to keep your
installation tidy

Can be mounted separately from
a highbay luminaire



HBLEMC3MS

Highbay Manual + Self Test Emergency Converter

FEATURES

IP Rating	IP65
Dimmable	None
Input	220-240V AC
Emergency Option	Manual-Test,Self-Test

INSTALLATION INFORMATION

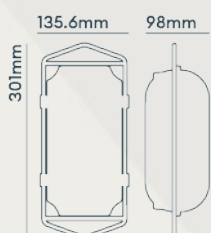
Install Connector Type	Flying lead
Inrush Current	6A
Construction Material	Steel
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Finish	Battery	W	Colour	lm
HBLEMC3MS	Black	LiFePO4 6.4V 5500mAh	6W	6500K	1000

ACCESSORIES

GenBay High Bay Ultra-slim and lightweight highbay for lighting general applications





HBLEMC3D

Highbay DALI-2 Emergency Converter

FEATURES		INSTALLATION INFORMATION			
IP Rating	IP65	Install Connector Type	Flying lead		
Dimmable	None	Inrush Current	6A		
Input	220-240V AC	Construction Material	Steel		
Emergency Option	DALI-2	Electric Class	I		

PHOTOMETRICS @ 25°C					
Product Code	Finish	Battery	W	Colour	lm
HBLEMC3D	Black	LiFePO4 6.4V 5500mAh	6W	6500K	1000

ACCESSORIES	
GenBay High Bay	Ultra-slim and lightweight highbay for lighting general applications

Self Test
or
Manual
Test

Self-test and
Manual-test
switchable

IP65

IP65 for exterior and
interior installations

EM
3h

A minimum of 3
hours of emergency
lighting

GUARANTEE

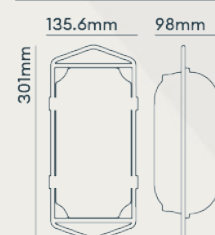
Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Dedicated LED module provides
1000lm

In-line-mounted unit to keep your
installation tidy

Can be mounted separately from
a highbay luminaire



LOW BAYS FOR RACKING AISLES

Rack Bay

WATTAGE & CCT SWITCHABLE

Wattage switchable: one light, three wattage outputs

RackBay provides both the output of a single wattage or three wattages within the same product. Adjust the wattage switch during installation.

Product	0-10V wattage switchable output	
Rackbay 60-100W 3000K/4000K	60-80-100W	8700/9000lm, 11600/12000lm, 14500/15000lm
Rackbay 160-200W 3000K/4000K	160-180-200W	22400/24000lm, 25200/27000lm, 28000/30000lm
Rackbay 200-240W 3000K/4000K	200-220-240W	28000/30000lm, 30800/33000lm, 33600/36000lm

Product	DALI-2 single wattage output	
Rackbay 100W 3000K/4000K	100W	14500/15000lm
Rackbay 200W 3000K/4000K	200W	28000/30000lm
Rackbay 240W 3000K/4000K	240W	33600/36000lm

CCT switchable: one light, two CCT temperatures

Our colour switchable rackbays allows you to stock 2 colour temperatures in 1 product (3000K & 4000K).

Advantages

- Customer can choose which colour they prefer.
- Adjust using a switch during installation.

3000K Warm White



4000K Cool White



WARRANTY

Long warranty for piece of mind.



**5 year
guarantee**



**2 year on-site
warranty**

DIMMABLE

As standard, the RackBay offers DALI-2 or 0-10V dimming technology, providing flexibility of control.



DALI-2, 0-10V

IP20 & IK07

High impact resistance ensures that accidental collisions will not adversely effect the performance of the product. Combine this with IP20 resistance, meaning a great choice for warehouse racking areas.



EASY INSTALLATION

Designed to be as easy as possible to install and maintain.

Lightweight

With its unique and skilful design, the RackBay is extremely lightweight, allowing easy installation and maintenance whilst providing high lumen output.

Aisle spaces

110x55 lens optics provide a rectangular light distribution that is ideal for mounting between 3m and 14m heights.

Compact

Small in size, so it can be installed by an individual.

MOTION SENSORS

Save time on the installation ultimately savings costs on installation.

Quick tool-less connection

Tool-less, plug-in and twist sensors make installation quick & easy for you to adopt lighting control, even interchange your sensors should your floorspace be re-configured.

Product code : HBPIR
PIR with daylight switch



Product code : HBPIRDLD
PIR with daylight harvest sensor

Product code : HBMWS
Microwave with daylight switch



EMERGENCY BOLT-ON

The emergency bolt-on are available for aisles, corridors and open areas.

Up to 10m high

Install as high as 10m high.

Quick attachment

Fast 4 minute conversion time.

Easy attachment

M20 interface for easy installation.



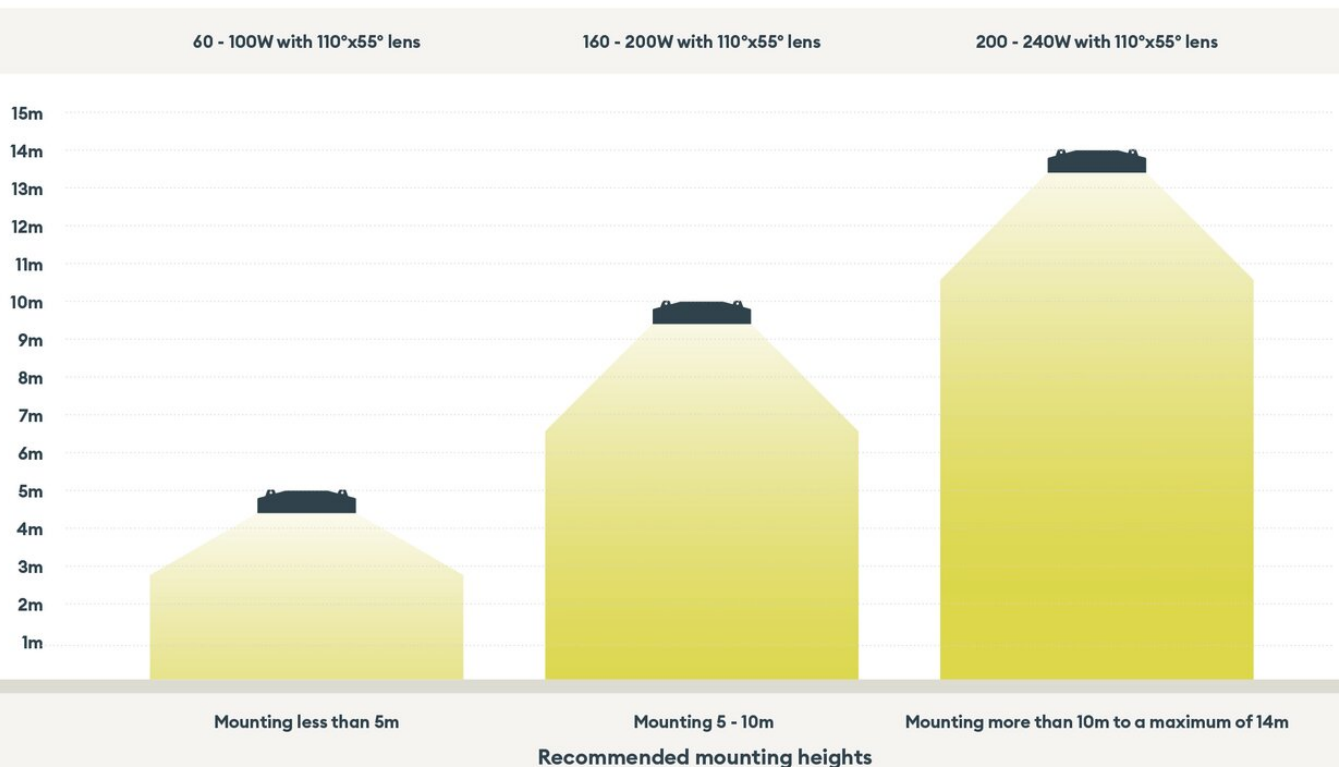
EMBOLTRACK



EMBOLT...

MOUNTING HEIGHTS

Use the diagram below to choose your ideal Rack bay, or for a consultation on your requirements, contact our expert team today.



HIGH/LOW BAYS



Colour Switchable between 3000K and 4000K



Wattage Switchable from 60W to 240W



High efficacy of 150lm/W

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

110x55° beam angle optimised to light racking aisles

IK07 for high protection against impact

Choice of PIR, microwave and daylight control options saves energy and takes just seconds to fit

Mounting options for jack chain suspension, M10 or M20 fixing to busbar and surface mount

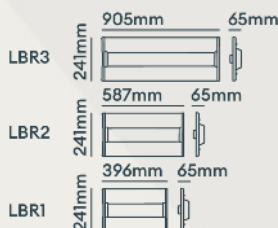
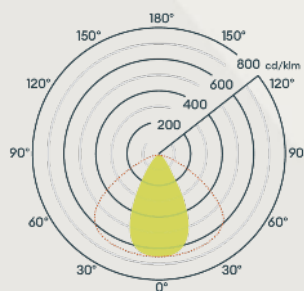
Compact and lightweight, our product can be held in one hand and installed by a single person

Quick access to LiFePO4 battery compartment for simple replacement

Removeable driver for easy maintenance

For emergency version use Bolt-on converter's

BEAM (°): **110X55**



RACKBAY CSP 60-100W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP20	Inrush Current	100A 220uS
Colour Flexibility	Switchable CCT	Construction Material	Aluminium, PC
Dimmable	0-10V,DALI-2,Casambi	Ambient Temperature	-30-50°C
Input	220-240V AC	SELV	No
LED Life	L70 100,000h	Building Regulations	Part P & L
CRI	CRI>80	Mounting Options	Ceiling,Suspended
SDCM	SDCM5	Electric Class	I
Emergency Option	Manual-Test,Self-Test		

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
LBRID	White	DALI-2	100W	3000K	110x55	14500	145	
				4000K		15000	150	
LBRIV	White	0-10V	60W	3000K	110x55	8700	145	
				4000K		9000	150	
			80W	3000K		11600	145	
				4000K		12000	150	
			100W	3000K		14500	145	
				4000K		15000	150	

Default Settings: 4000K colour temperature, 100W power consumption. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	3-Core 1m flying mains cable

ACCESSORIES

HBPIR	Passive infra-red motion sensor with daylight threshold switch
HBPIRDLD	Passive infra-red motion sensor with daylight harvesting photocell
HBMWS	Motion sensor with daylight threshold switch (8-15m)
EMBOLTMCRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLTSRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test
CASZHAGAMW	PIR+Daylight Sensor White up to 12m
CASZHAGASW	Wireless Node White up to 12m



- Colour Switchable between 3000K and 4000K
- Wattage Switchable from 60W to 240W
- High efficacy of 150lm/W

GUARANTEE

Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

- 110x55° beam angle optimised to light racking aisles
- IK07 for high protection against impact
- Choice of PIR, microwave and daylight control options saves energy and takes just seconds to fit
- Mounting options for jack chain suspension, M10 or M20 fixing to busbar and surface mount
- Compact and lightweight, our product can be held in one hand and installed by a single person
- Quick access to LiFePO4 battery compartment for simple replacement
- Removeable driver for easy maintenance
- For emergency version use Bolt-on converter's

RACKBAY CSP 160-200W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP20	Inrush Current	100A 316uS
Colour Flexibility	Switchable CCT	Construction Material	Aluminium, PC
Dimmable	0-10V,DALI-2	Ambient Temperature	-30-50°C
Input	220-240V AC	SELV	No
LED Life	L70 100,000h	Building Regulations	Part P & L
CRI	CRI>80	Mounting Options	Ceiling,Suspended
SDCM	SDCM5	Electric Class	I
Emergency Option	Manual-Test,Self-Test		

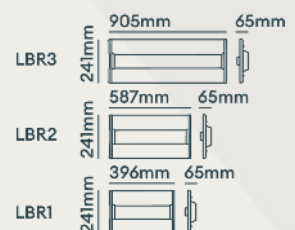
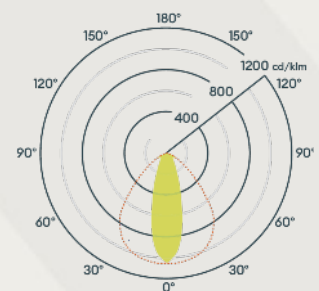
PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
LBR2D	White	DALI-2	200W	3000K	110x55	28000	145	
				4000K		30000	150	
LBR2V	White	0-10V	160W	3000K	110x55	22400	145	
				4000K		24000	150	
			180W	3000K	110x55	25200	145	
				4000K		27000	150	
			200W	3000K	110x55	28000	145	
				4000K		30000	150	

Default Settings: 4000K colour temperature, 200W power consumption. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	3-Core 1m flying mains cable

ACCESSORIES	
HBPIR	Passive infra-red motion sensor with daylight threshold switch
HBPIRDLD	Passive infra-red motion sensor with daylight harvesting photocell
HBMWS	Motion sensor with daylight threshold switch (8-15m)
EMBOLTRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLSRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLMOPEN	3 hour emergency conversion pack, open area, manual test
CASZHAGAMW	PIR+Daylight Sensor White up to 12m
CASZHAGASW	Wireless Node White up to 12m

BEAM (°): 110X55



HIGH/LOW BAYS



Colour Switchable between 3000K and 4000K



Wattage Switchable from 60W to 240W



High efficacy of 150lm/W

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

110x55° beam angle optimised to light racking aisles

IK07 for high protection against impact

Choice of PIR, microwave and daylight control options saves energy and takes just seconds to fit

Mounting options for jack chain suspension, M10 or M20 fixing to busbar and surface mount

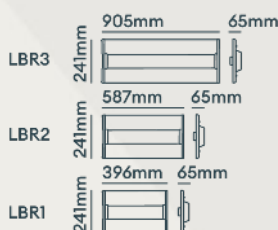
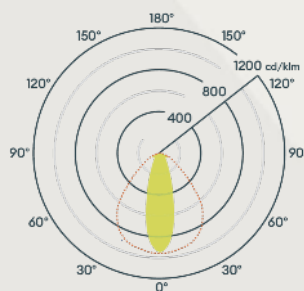
Compact and lightweight, our product can be held in one hand and installed by a single person

Quick access to LiFePO4 battery compartment for simple replacement

Removeable driver for easy maintenance

For emergency version use Bolt-on converter's

BEAM (°): 110X55



HBPIRDLD



HBMWS



UNREMOEMWS

RACKBAY CSP 200-240W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

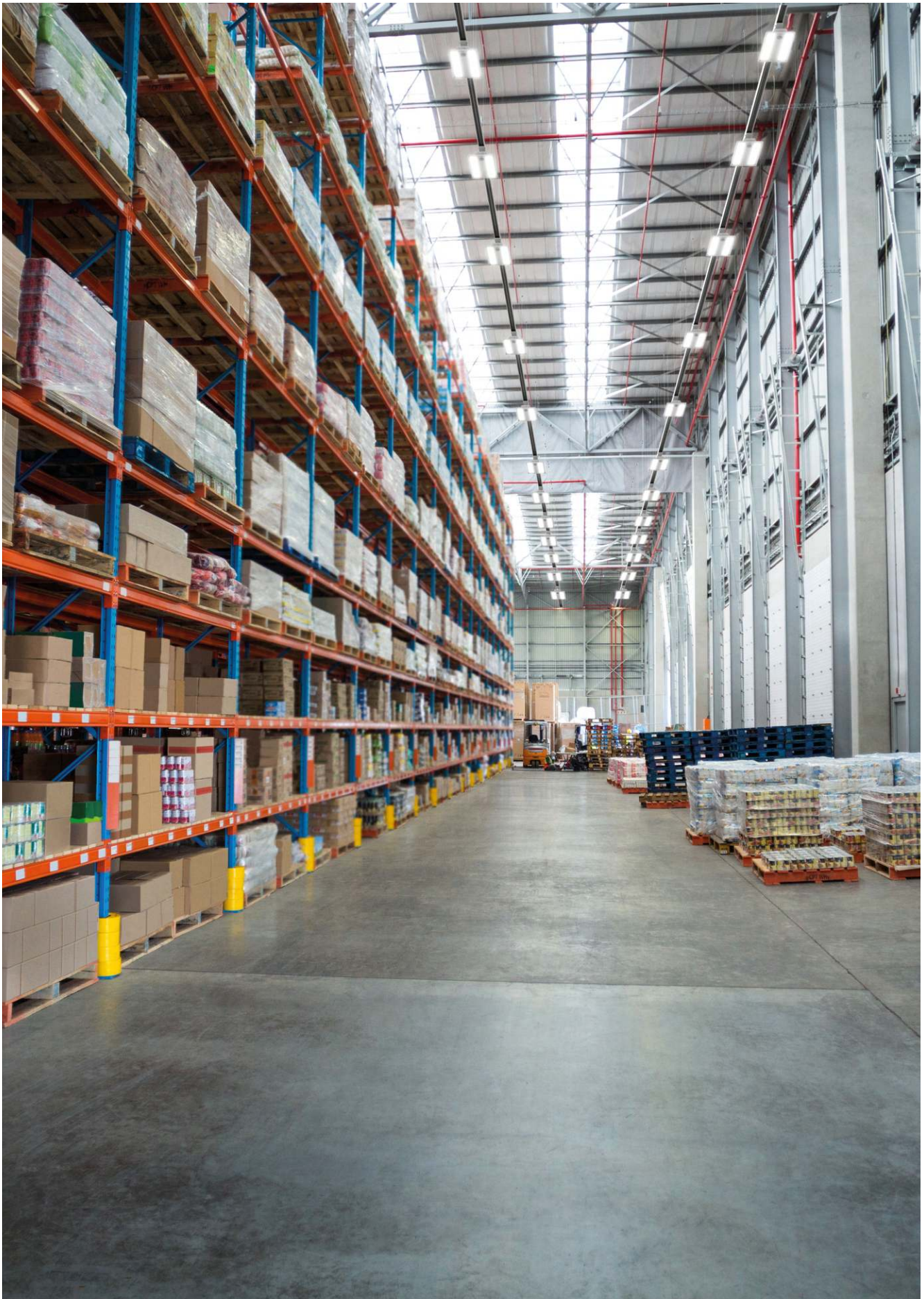
FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP20	Inrush Current	100A 316uS
Colour Flexibility	Switchable CCT	Construction Material	Aluminium, PC
Dimmable	0-10V	Ambient Temperature	-30-50°C
Input	220-240V AC	SELV	No
LED Life	L70 100,000h	Building Regulations	Part P & L
CRI	CRI>80	Mounting Options	Ceiling,Suspended
SDCM	SDCM5	Electric Class	I
Emergency Option	Manual-Test,Self-Test		

PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
LBR3D	White	DALI-2	240W	3000K	110x55	33600	145	A D
				4000K		36000	150	
LBR3V	White	0-10V	200W	3000K	110x55	28000	145	A D
				4000K		30000	150	
			220W	3000K		30800	145	
				4000K		33000	150	
			240W	3000K		33600	145	
				4000K		36000	150	

Default Settings: 4000K colour temperature, 240W power consumption. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	3-Core 1m flying mains cable

ACCESSORIES	
HBPIR	Passive infra-red motion sensor with daylight threshold switch
HBPIRDLD	Passive infra-red motion sensor with daylight harvesting photocell
HBMWS	Motion sensor with daylight threshold switch (8-15m)
EMBOLTMCRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLTSRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test
CASZHAGAMW	PIR+Daylight Sensor White up to 12m
CASZHAGASW	Wireless Node White up to 12m



HIGH/LOW BAYS



Colour Switchable between 3000K and 4000K



Wattage Switchable from 60W to 100W



High efficacy of 150lm/W

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

110° beam angle optimised to light racking aisles

Choice of PIR, microwave and daylight control options saves energy and takes just seconds to fit

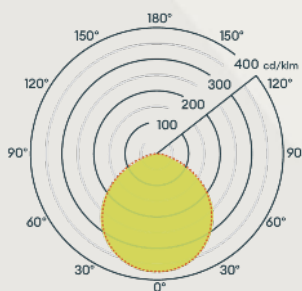
Mounting options for jack chain suspension, M10 or M20 fixing to busbar and surface mount

Removeable driver for easy maintenance

For emergency version use Bolt-on converter's

Open area optic particularly suitable for use in open warehouse and retail applications

BEAM (°): 110



400



RACKBAY CSP 110° 60-100W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP20	Inrush Current	100A 220uS
Colour Flexibility	Switchable CCT	Construction Material	Aluminium, PC
Dimmable	0-10V,DALI-2	Ambient Temperature	-30-50°C
Input	220-240V AC	SELV	No
LED Life	L70 100,000h	Building Regulations	Part P & L
CRI	CRI>80	Mounting Options	Ceiling,Suspended
SDCM	SDCM5	Electric Class	I
Emergency Option	Manual-Test,Self-Test		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
LBOID	White	60W	3000K	110	8700	145	A++
			4000K		9000	150	
		80W	3000K		11600	145	
			4000K		12000	150	
		100W	3000K		14500	145	
			4000K		15000	150	
LBOIV	White	60W	3000K	110	8700	145	A++
			4000K		9000	150	
		80W	3000K		11600	145	
			4000K		12000	150	
		100W	3000K		14500	145	
			4000K		15000	150	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	3-Core 1m flying mains cable

ACCESSORIES

EMBOLTRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLTSRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test



-  Colour Switchable between 3000K and 4000K
-  Wattage Switchable from 160W to 200W
-  High efficacy of 150lm/W

GUARANTEE

Warranty: 5 years
 Battery Warranty: 5 years
 On-Site Warranty: 2 years

BENEFITS

110° beam angle optimised to light racking aisles

Choice of PIR, microwave and daylight control options saves energy and takes just seconds to fit

Mounting options for jack chain suspension, M10 or M20 fixing to busbar and surface mount

Removeable driver for easy maintenance



For emergency version use Bolt-on converter's

Open area optic particularly suitable for use in open warehouse and retail applications

RACKBAY CSP 110° 160-200W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

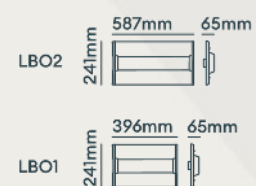
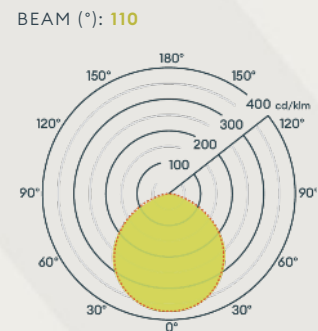
FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP20	Inrush Current	100A 316uS
Colour Flexibility	Switchable CCT	Construction Material	Aluminium, PC
Dimmable	0-10V,DALI-2	Ambient Temperature	-30-50°C
Input	220-240V AC	SELV	No
LED Life	L70 100,000h	Building Regulations	Part P & L
CRI	CRI>80	Mounting Options	Ceiling,Suspended
SDCM	SDCM6	Electric Class	I
Emergency Option	Manual-Test,Self-Test		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
LBO2D	White	160W	3000K	110	22400	145	
			4000K		24000	150	
		180W	3000K		25200	145	
			4000K		27000	150	
		200W	3000K		28000	145	
			4000K		30000	150	
LBO2V	White	160W	3000K	110	22400	145	
			4000K		24000	150	
		180W	3000K		25200	145	
			4000K		27000	150	
		200W	3000K		28000	145	
			4000K		30000	150	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	3-Core 1m flying mains cable

ACCESSORIES	
EMBOLTRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLSRACK	3 hour emergency conversion pack, rack optic, self or manual test
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test



INDUSTRIAL FLOODLIGHT



INDUSTRIAL FLOODLIGHTS

Place Light Precisely Where It's Needed

CHOOSING THE IDEAL FLOODLIGHT

The Indy K3 floodlights are available with a lumen output range starting at 50W-6,750lm for low heights, 100W-13,500lm for medium heights and 200W-34,300lm maximum output including switchable options in between to allow you to select which is the best balance between usage of electricity and light output for the application.

Use the diagram below to determine which output is suitable for your installation, or for a consultation on your requirements, contact our expert team today. The designers inside The Studio at Collingwood are able to offer expertise throughout the lighting design process, putting together full schemes based around our comprehensive product range. Detailed client consultation ensures a high quality and tailored service.



WATTAGE SWITCHABLE

Wattage switchable: one light, three wattage outputs

Switchable Product enables one luminaire to meet various lux levels within a project using a lumen output switch

Low 50W-80W-100W

High 100W-150W-200W



CCT SWITCHABLE

CCT switchable: one light, three colour temperatures

Easily switch between 3 colour temperatures with a switch at the back of the product.

3000K

4000K

6500K



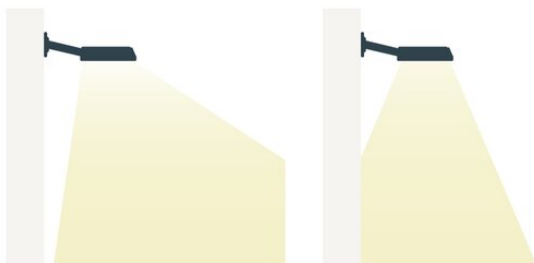
BEAM ANGLE

Asymmetric

Asymmetric beam angle pushes the light in different intensities, in different directions providing an evenly distributed luminance over large areas.

Symmetric

Symmetric beam angle provides light in a conic shape, illuminating the surface in all directions, from the centre to all sides, as the lens pushes the light equally in all directions.



IP66 & IK08

Built for the toughest of environments

Durable and versatile, the Indy floodlights are IP65 rated and are suitable for outdoors, whether it is for a large warehouse, loading bays, or car parks.



5 YEAR WARRANTY

Offering a five-year warranty, so you can be assured of our commitment to quality.



EASY INSTALLATION

Tool free access

Toolless entry for easy maintenance of driver and LED module.

Angle stamped bracket

The floodlights have additional features included, such as the mounting angles, which are stamped on the adjustable bracket for precise setting, along with star washers so the bracket can stay in the same position once angled.

1m cable

Installing the floodlights couldn't be easier with 1m of cable included for ease of installation.

DAYLIGHT SAVINGS

Photocell kit accessory

Outdoor photocell (Dusk to Dawn) sensor kit for use with all outdoor luminaires to keep the lights **off** when it is daylight outside.

Floodlight	Floodlights per photocell
Indy K3 - 50W-80W-100W	3
Indy K3 - 100W-150W-200W	2



WINDAGE FACTORS

Floodlight	Windage factors
Indy K3 50W-80W-100W	0.08m ²
Indy K3 100W-150W-200W	0.13m ²



INDUSTRIAL FLOODLIGHT

175lm/W
Energy efficient offering up to 175lm/W

W
Wattage Switchable between 50W, 80W & 100W

CCT
CCT switchable between 3000K/4000K/6500K

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

Quick and easy installation with removable bracket

Integrated breather valve to prevent moisture build up on the inside of the luminaire

Suitable for use in coastal applications

Angle indicator on mounting bracket for precise tilt adjustment

Asymmetric beam option for wallwash or sports applications

6kV surge protection against unexpected voltage spikes in power lines



INDY K3 CSP 50-100W

Wattage & CCT Switchable Floodlight

FEATURES

Impact Strength	IK08
IP Rating	IP66
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM5
Emergency Option	None

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-50°C
SELV	No
Building Regulations	Part P & L
Mounting Options	Wall
Electric Class	I

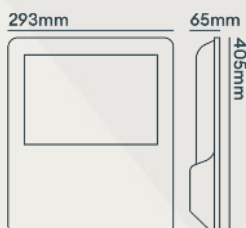
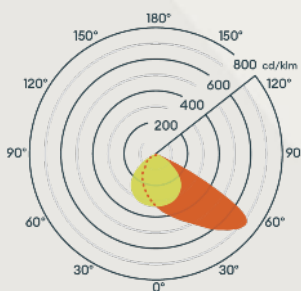
PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
IFLBINACSP	50W	3000K	60/90	6750	135	
		4000K		7360	155	
		5000K		7000	140	
	80W	3000K		10800	135	
		4000K		11780	155	
		5000K		11200	140	
100W	3000K	13500	135			
	4000K	14725	155			
	5000K	14000	140			
IFLBINSCSP	50W	3000K	110	7500	150	
		4000K		8575	175	
		5000K		8000	160	
	80W	3000K		12000	150	
		4000K		13720	175	
		5000K		12800	160	
	100W	3000K		15000	150	
		4000K		17150	175	
		5000K		16000	160	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

BEAM (°): 110, 60X90





175lm/W

Energy efficient offering up to 175lm/W

W

Wattage Switchable between 50W, 80W & 100W

C

CCT switchable between 3000K/4000K/5000K

GUARANTEE

Warranty: 5 years
On-Site Warranty: 2 years

BENEFITS

- Quick and easy installation with removable bracket
- Integrated breather valve to prevent moisture build up on the inside of the luminaire
- Suitable for use in coastal applications
- Angle indicator on mounting bracket for precise tilt adjustment
- Asymmetric beam option for wallwash or sports applications
- 6kV surge protection against unexpected voltage spikes in power lines

INDY K3 CSP 100-200W

Wattage & CCT Switchable Floodlight

FEATURES	
Impact Strength	IK08
IP Rating	IP66
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM5
Emergency Option	None

INSTALLATION INFORMATION	
Install Connector Type	Flying lead
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-50°C
SELV	No
Building Regulations	Part P & L
Mounting Options	Wall
Electric Class	I

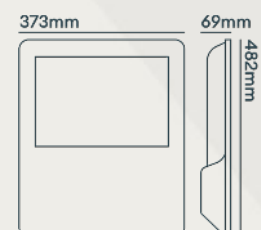
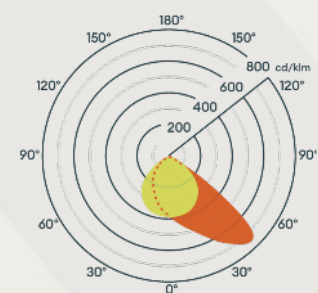
PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
IFLB2NACSP	100W	3000K	60/90	13500	135	A B D
		4000K		13500	155	
		5000K		14000	130	
	150W	3000K		20250	135	
		4000K		22090	155	
		5000K		21000	140	
200W	3000K	27000	135			
	4000K	29450	155			
	5000K	28000	140			
IFLB2NSCSP	100W	3000K	110	15000	150	A B D
		4000K		17150	175	
		5000K		16000	160	
	150W	3000K		22500	150	
		4000K		25725	175	
		5000K		24000	160	
	200W	3000K		30000	150	
		4000K		34300	175	
		5000K		32000	160	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

BEAM (°): 110, 60X90



INDUSTRIAL FLOODLIGHT ACCESSORIES

Have Your Floodlight On Only When Needed

Utilise a photocell to make your floodlights mor energy efficient.

PCELLKIT (Photocell)

Accessory on its own



NUMBER OF FLOODLIGHTS PER PHOTOCELL

Floodlight	Floodlights per photocell
Indy K3 50W-80W-100W	3
Indy K3 100W-150W-200W	2

PRODUCT CODES

Product Code	Description	Electric Class (1, 2, 3)	IP Rating	Install Connector Type	Guarantee
PCELLKIT	Wall Mounted Photocell Kit	2	IP54	Integrated Terminals	2 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Indy K3 (50W-80W-100W)	Indy K3 (100W-150W-200W)
PCELLKIT	●	●



EMERGENCY



EMERGENCY LIGHTING

Comprehensive range of emergency lighting

EMERGENCY RANGE

Our emergency range is safe, reliable and full of market leading performance features. It has low operational running costs across the long product lifetime. The complete range features bulkheads, exit boxes, exit signs, escape routes and twin spots, all complying with ISO 3864-1.

Mount on corridor ceilings



Mount above exits



Light up areas



Light up open areas



Light up open areas



Exit Sign



Box



Bulkhead



Route



Max



Twin Spot

LONG-LIFE LIFEP04 LITHIUM BATTERY

Greener & longer lasting

LiFeP04 are at the forefront of battery technology, with a smaller footprint than other battery types.

There is a long-life span, and can last up to ten times longer than traditional battery types. The battery recharge rate is quicker than traditional types too. The efficiency of these batteries extends into performance; charge and discharge, which can reach over 90%, which means very little energy is wasted.

5 YEAR WARRANTY

Offering a five-year warranty, so you can be assured of our commitment to quality.

IP RATING

The exit blade, box, escape route and surface lights are all IP20 rated. Bulkhead and twin spot are IP65 rated. Max is IP66 rated

MAINTAINED VS NON-MAINTAINED

Maintained

Maintained emergency fittings can be turned on / off when the mains is on.

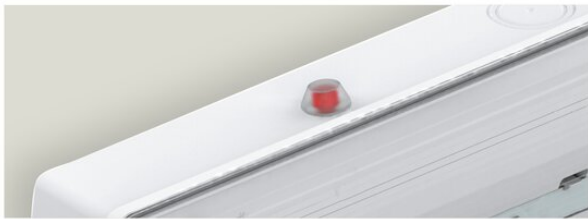
Non-maintained

Non-maintained emergency luminaires are designed to switch on when a buildings power fails.

MANUAL & SELF TEST IN ONE

2-in-1 products

Every building is different which is why we have built our emergency lighting to cater for operations that need to be manually tested or self-tested regularly.



DALI-2 ADDRESSABLE

Ideal for specifications

Any project that requires diagnostics and record keeping of their emergency lighting will need a DALI-2 fitting connected to a BMS / Testing system which is why we provide this option with all our emergency lighting.



EMERGENCY OPTIONS

	Salvus Exit Sign	Salvus Exit Box	Salvus Bulkhead	Salvus Route Recessed	Salvus Twin Spot	Salvus Max	Salvus Route Surface	LEDEPIO	LEDEPIOEM	LEDEPIODA
Self test	●	●	●	●	●	●	●	●		●
Manual test	●	●	●	●	●	●	●	●	●	
DALI-2	●	●	●	●	●	●	●			●

MOUNTING OPTIONS

	Salvus Exit Sign	Salvus Exit Box	Salvus Bulkhead	Salvus Route Recessed	Salvus Twin Spot	Salvus Max	Salvus Route Surface
Ceiling	●		●	●		●	●
Wall	●	●	●		●	●	
Suspended	●		●				
Conduit M20			●		●	●	●
BESA			●			●	
Open area lens				●			●
Corridor lens				●			●

EMERGENCY LIGHTING

Wireless Control

WIRELESS CONTROL

One-Connect-Plus™ 'Casambi' products enable wireless communication with a remote DALI emergency test system without the need for additional hardware or traditional DALI bus wiring.

Casambi Wireless emergency products are equipped with Casambi's proven 2.4GHz radio mesh technology and once paired with the remote gateway, are able to communicate with virtually any existing DALI emergency lighting test system as if it were wired.



COMPATIBLE PRODUCTS

Use the table below to see which products you can utilise these wireless controls.

Product	Category	Integral Casambi Sensor / Node	Remote Casambi Control
Trinity Versa	Panels	X	●
Solis	Panels	X	●
VersaTile	Surface & Suspended	●	X
Linear Prism	Surface & Suspended	X	X
Linear Cell	Surface & Suspended	X	X
Uniform Versa	Surface & Suspended	X	●
Nova	Surface & Suspended	X	X
Thea Pro	Commercial Downlights	X	●
Thea Lite	Commercial Downlights	X	●
H2 Deco	Residential Downlights	X	X
Borealis Versa	Battens	X	●
Caiman Versa	Anti-Corrosives	X	●
Rack Bay	Low Bay	●	X
Indy K3	Industrial Floodlight	●	X



EMERGENCY



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Compliant with ISO 7010 & 3864

Housing is rugged and made of polycarbonate

Legend Kit included

Self-test function can be easily disabled by removing green 2-pin jumper connector



SALVUS EXIT BLADE

24M Viewing Distance Exit Sign

FEATURES

Impact Strength	IK08
IP Rating	IP20
Colour Flexibility	Single CCT
Input	220-240V AC
LED Life	L70 50,000h
Emergency Option	DALI-2

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Inrush Current	4A 1ms
Construction Material	PC
Ambient Temperature	0-40°C
Building Regulations	N/A
Mounting Options	Ceiling, Wall
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBLWDP	DALI-2	Maintained	LiFePO4 3.2V 1000mAH	2.5W	6500K	180	34	16	34

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

ACCESSORIES

EMBLWSKP	Suspension Kit for Exit Blade
EMBLWSRP	Suspension Rod Kit for Exit Blade
EMBLWWP	Wall Bracket for Exit Blade





EMBLRWDP

24M Viewing Distance Exit Sign

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Install Connector Type	Push-fit terminal connector
IP Rating	IP20	Cut Out Size	110-115mm
Colour Flexibility	Single CCT	Inrush Current	EMBLRWDP: 4A 1ms, EMBLWDP: 4A 1ms
Input	220-240V AC	Construction Material	PC
LED Life	L70 50,000h	Ambient Temperature	0-40°C
Emergency Option	DALI-2	Building Regulations	N/A
		Mounting Options	Ceiling, Wall
		Electric Class	I

PHOTOMETRICS @ 25°C								
Product Code	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBLRWDP	Maintained	EMBLRWDP: LiFePO4 3.2V 1000mAH, EMBLWDP: LiFePO4 3.2V 1000mAH,	2.5W	6500K	180	34	16	34

WIRING INFORMATION	
Type Of Wiring Required	Parallel



LiFePO4 battery available



Battery Temperature Monitored



DALI-2 Addressable

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Compliant with ISO 7010 & 3864

Housing is rugged and made of polycarbonate

Legend Kit included

Self-test function can be easily disabled by removing green 2-pin jumper connector



EMERGENCY



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Compliant with ISO 7010 & 3864

Housing is rugged and made of polycarbonate

6 Possible installation methods with accessories

Legend Kit included

Self-test function can be easily disabled by removing green 2-pin jumper connector



SALVUS EXIT SIGN

24M Viewing Distance Exit Sign

FEATURES

Impact Strength	IK08
IP Rating	IP20
Colour Flexibility	Single CCT
Input	220-240V AC
LED Life	L70 50,000h

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Inrush Current	4A 1ms
Construction Material	PC
Ambient Temperature	0-40°C
Mounting Options	Ceiling, Wall
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBLWD	DALI-2	Maintained	LiFePO4 3.2V 1000mAH	2.5W	6500K	180	30	12	30
EMBLWMS	Manual & Self Test	Maintained	LiFePO4 3.2V 1000mAH	2.5W	6500K	180	30	12	30

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

ACCESSORIES

EMBLWRK	Recessing Kit for Exit Sign
EMBLWSK	Suspension Kit for Exit Sign
EMBLWSMB	Side Mount Bracket for Exit Sign





SALVUS EXIT BOX

32M Viewing Distance Final Exit Sign

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Install Connector Type	Push-fit terminal connector
IP Rating	IP20	Inrush Current	EMBXWMS: 4A 1ms, EMBXWD: 4A 1ms,
Colour Flexibility	Single CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	0-40°C
LED Life	L70 50,000h	Mounting Options	BESA, Conduit M20, Wall
		Electric Class	I

PHOTOMETRICS @ 25°C									
Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBXWD	DALI-2	Maintained	LiFePO4 3.2V 1000mAH	2.5W	6500K	93	26	10	26
EMBXWMS	Ceiling Mount Kit	Maintained, Non-Maintained	LiFePO4 3.2V 1000mAH	2.5W	6500K	93	26	10	26

WIRING INFORMATION	
Type Of Wiring Required	Parallel



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

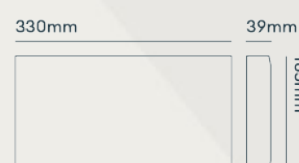
Compliant with ISO 7010 & 3864

Housing is rugged and made of polycarbonate

Push bar illuminance for final exit

Legend Kit included

Self-test function can be easily disabled by removing green 2-pin jumper connector



EMERGENCY



LiFePO4 battery



Battery Temperature Monitored



DALI-2
Addressable,
Manual & Self Test
Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Compliant with ISO 7010 & 3864

Housing is rugged and made of polycarbonate

Push bar illuminance for final exit

Legend Kit included

Self-test function can be easily disabled by removing green 2-pin jumper connector



SALVUS EXIT BOX HIGH PRO

32M Viewing Distance Final Exit Sign

FEATURES

Impact Strength	IK08
IP Rating	IP65
Colour Flexibility	Single CCT
Input	220-240V AC
LED Life	L70 50,000h

INSTALLATION INFORMATION

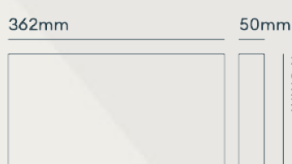
Install Connector Type	Push-fit terminal connector
Inrush Current	4.5A 1ms
Construction Material	PC
Ambient Temperature	0-40°C
Mounting Options	Wall
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBXWDHP	DALI-2	Maintained	LiFePO4 3.2V 2000mAh	3W	6500K	50	70	23	70
EMBXWMSHP	Manual & Self Test	Maintained, Non-Maintained	LiFePO4 3.2V 2000mAh	3W	6500K	50	70	23	70

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------





SALVUS BULKHEAD

150lm & 350lm Emergency Bulkhead

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Install Connector Type	Push-fit terminal connector
IP Rating	IP65	Inrush Current	4A 1ms
Colour Flexibility	Single CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	0-40°C
LED Life	L70 50,000h	Mounting Options	Wall
		Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBWD	DALI-2	Non-Maintained	LiFePO4 3.2V 1500mAH	2.5W	6500K	100	150	60	150
EMBWIMS	Manual & Self Test	Maintained, Non-Maintained	LiFePO4 3.2V 1500mAH	2.5W	6500K	100	150	60	150
EMBW3D	DALI-2	Non-Maintained	LiFePO4 3.2V 3000mAH	3.5W	6500K	106	350	100	350
EMBW3MS	Manual & Self Test	Maintained, Non-Maintained	LiFePO4 3.2V 3000mAH	3.5W	6500K	106	350	100	350

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

ACCESSORIES

EMBWRK	Recessing Kit for Savlus Bulkhead
EMBDD	Double Sided Diffuser for Savlus Bulkhead



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

GUARANTEE

Warranty: 5 years

Battery Warranty: 5 years

BENEFITS

Compliant with ISO 7010 & 3864

Housing is rugged and made of polycarbonate

Maintained and Non-Maintained options

IP65 suitable for outdoor environments

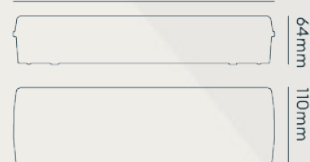
Has three M20 entry knock-outs (one on each side and one in the bottom), and rear BESA box fixing points

Legend Kit included

Ideal for open areas, escape routes, for general illumination or as an exit sign

Self-test function can be easily disabled by removing green 2-pin jumper connector

352mm



EMERGENCY



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Housing is rugged and made of polycarbonate

Ideal solution for warehouses and industrial applications

15 metres mounting height, provides 1 lux (escape route) at floor level when using 29 metre spacings

Captive screws for easy installation

Self-test function can be easily disabled by removing green 2-pin jumper connector



SALVUS MAX BULKHEAD

1500lm High Output Bulkhead

FEATURES

Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Single CCT
Input	220-240V AC
LED Life	L70 50,000h

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Inrush Current	EMBMXWMS: 4A 1ms, EMBMAXWD: 4A 1ms
Construction Material	PC
Ambient Temperature	0-40°C
Mounting Options	Wall
Electric Class	I
Standby Power	8W

PHOTOMETRICS @ 25°C

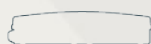
Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMBMXWD	DALI-2	Non-Maintained	LiFePO4 6.4V 5500mAH	8W	6500K	103	1500	188	1500
EMBMXWMS	Manual & Self Test	Non-Maintained	LiFePO4 6.4V 5500mAH	8W	6500K	103	1500	188	1500

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

328mm

165mm



76mm



SALVUS TWIN SPOT

520lm Emergency Twin Spot

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Install Connector Type	Push-fit terminal connector
IP Rating	IP65	Inrush Current	EMTW5MS:4A 1ms, EMTW5D:6A 1ms
Colour Flexibility	Single CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	0-40°C
LED Life	L70 50,000h	Mounting Options	Wall
		Electric Class	II

PHOTOMETRICS @ 25°C									
Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMTW5D	DALI-2	Non-Maintained	LiFePO4 6.4V 3000mAh	2.8W	6500K	70	520	186	520
EMTW5MS	Manual & Self Test	Non-Maintained	LiFePO4 3.2V 5500mAh	2.8W	6500K	70	520	186	520

WIRING INFORMATION	
Type Of Wiring Required	Parallel



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

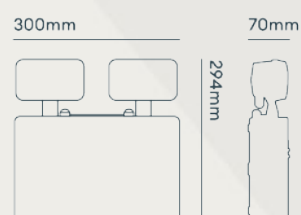
BENEFITS

IP65 suitable for outdoor environments

Housing is rugged and made of polycarbonate

A rugged robust polycarbonate lens and housing

Self-test function can be easily disabled by removing green 2-pin jumper connector



EMERGENCY



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Housing is rugged and made of polycarbonate

Open Area and Corridor lens included

Simple twist and lock front mechanism to change lenses

Besa Box footprint and suitable for 20mm conduit entry from side or rear

Self-test function can be easily disabled by removing green 2-pin jumper connector



SALVUS ROUTE SURFACE

Surface or Recessed Anti-Panic

FEATURES

Impact Strength	IK08
IP Rating	IP65
Colour Flexibility	Single CCT
Input	220-240V AC
LED Life	L70 50,000h

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Inrush Current	EMRSW2MS: 4A 1ms, EMRSW2D: 4A 1ms
Construction Material	PC
Ambient Temperature	0-40°C
Mounting Options	BESA, Conduit M20
Electric Class	I

PHOTOMETRICS @ 25°C

Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMRSW2D	DALI-2	Non-Maintained	LiFePO4 3.2V 3000mAH	2.5W	6500K	147	240	96	240
EMRSW2MS	Manual & Self Test	Non-Maintained	LiFePO4 3.2V 3000mAH	2.5W	6500K	147	240	96	240

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

Ø155mm

46mm





LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

SALVUS ROUTE RECESSED (150LM)

150lm Recessed Anti-panic

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Install Connector Type	Push-fit terminal connector
IP Rating	IP20	Cut Out Size	50mm
Colour Flexibility	Single CCT	Construction Material	PC
Input	220-240V AC	Ambient Temperature	0-40°C
LED Life	L70 50,000h	Mounting Options	Ceiling
		Electric Class	I

PHOTOMETRICS @ 25°C									
Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMRWID	DALI-2	Non-Maintained	LiFePO4 3.2V 2000mAH	1.5W	6500K	148	150	100	150
EMRWIMS	Manual & Self Test	Non-Maintained	LiFePO4 3.2V 2000mAH	1.5W	6500K	148	150	100	150

WIRING INFORMATION	
Type Of Wiring Required	Parallel

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

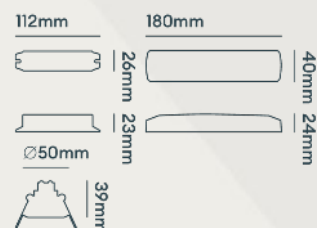
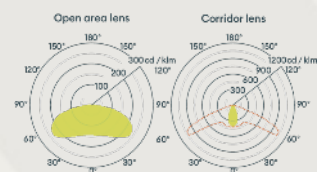
BENEFITS

Manual and Self Test combined product. Simply remove the green 2-pin jumper connector to set the product to Manual Test

Housing is rugged and made of polycarbonate

Open Area and Corridor lens included

BEAM (°): 148



EMERGENCY



LiFePO4 battery



Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

GUARANTEE

Warranty: 5 years
Battery Warranty: 5 years

BENEFITS

Manual and Self Test combined product. Simply remove the green 2-pin jumper connector to set the product to Manual Test

Housing is rugged and made of polycarbonate

Open Area and Corridor lens included



SALVUS ROUTE RECESSED (300LM)

300lm Recessed Anti-panic

FEATURES

Impact Strength	IK08
IP Rating	IP20
Colour Flexibility	Single CCT
Input	220-240V AC
LED Life	L70 50,000h

INSTALLATION INFORMATION

Install Connector Type	Push-fit terminal connector
Cut Out Size	50mm
Construction Material	PC
Ambient Temperature	0-40°C
Mounting Options	Ceiling
Electric Class	I

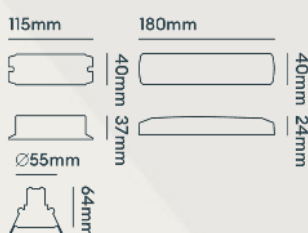
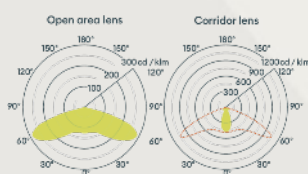
PHOTOMETRICS @ 25°C

Product Code	Type	Maintained / Non-Maintained	Battery	W	Colour	Beam (°)	lm	Lm/W	EM
EMRW3D	DALI-2	Non-Maintained	LiFePO4 3.2V 5500mAH	3W	6500K	148	300	100	300
EMRW3MS	Manual & Self Test	Non-Maintained	LiFePO4 3.2V 5500mAH	3W	6500K	148	300	100	300

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

BEAM (°): 148





LEDEP10EM

Emergency converter, Manual-test, 2.5W

INSTALLATION INFORMATION

Install Connector Type	Mains: Push-fit terminals 0.5 - 2.5mm ² DC: Plug & Play connectors
Insulation Coverable	No
Double Insulation	Yes
Cut Out Size	18mm
Inrush Current	1.5A 0.6ms
Construction Material	PC
Ambient Temperature	0-45°C
SELV	Yes
Electric Class	II

PHOTOMETRICS @ 25°C

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	Push-fit terminals 0,5 - 2,5mm ²

Manual Test Manual Test device, easy emergency lighting inspections

LiFePO₄ LiFePO₄, provides long operational life

EM 3h A minimum of 3 hours of emergency lighting

GUARANTEE

Warranty: 5 years (extended)
Battery Warranty: 5 years

BENEFITS

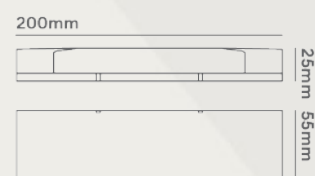
Built-in protection: - open circuit - over charging - over discharging - over temperature

Dual colour Green / Red LED status indicator

Supplied with a test button, whereby a battery duration test can be carried out at anytime

Compatible with our Solis panels, Thea commercial downlights, H2 Pro, 1901 and H5 downlights, however this does not apply to trimless

IP20



EMERGENCY



Self-test and Manual-test switchable



LiFePO₄, provides long operational life



A minimum of 3 hours of emergency lighting

GUARANTEE

Warranty: 5 years (extended)
Battery Warranty: 5 years

BENEFITS

Built-in protection: - open circuit - over charging - over discharging - over temperature

Dual colour Green / Red LED status indicator

Supplied with a test button, whereby a battery duration test can be carried out at anytime

Synchronizes an automatic battery duration test every 6 months

Compatible with our Solis panels, Thea commercial downlights, H2 Pro, 1901 and H5 downlights, however this does not apply to trimless



LEDEP10

Emergency converter, Self-test & Manual-test switchable, maintained

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP20	Install Connector Type	Mains: Push-fit terminals 0.5 - 2.5mm ² DC: Plug & Play connectors
Dimmable	None	Insulation Coverable	No
Input	220-240V AC	Double Insulation	Yes
Emergency Option	None	Cut Out Size	18mm
		Inrush Current	1.5A 0.6ms
		Construction Material	PC
		Ambient Temperature	5-55°C
		SELV	Yes
		Electric Class	II

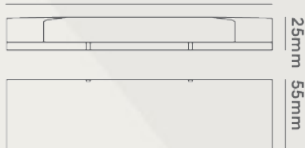
PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W
LEDEP10	Matt White	LiFePO ₄ battery	2.5W

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	Push-fit terminals 0,5 - 2,5mm ²

200mm





LEDEPI0DA

Emergency Converter, DALI, Self-Test, 2.5W

INSTALLATION INFORMATION

Install Connector Type	Mains: Push-fit terminals 0.5 - 2.5mm ² DC: Plug & Play connectors
Insulation Coverable	No
Double Insulation	Yes
Cut Out Size	18mm
Inrush Current	1.5A 0.6ms
Construction Material	PC
Ambient Temperature	0-45°C
SELV	Yes
Electric Class	II

PHOTOMETRICS @ 25°C

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	Push-fit terminals 0,5 - 2,5mm ²



DALI addressible emergency, intelligent emergency monitoring



LiFePO₄, provides long operational life



A minimum of 3 hours of emergency lighting

GUARANTEE

Warranty: 5 years (extended)
Battery Warranty: 5 years

BENEFITS

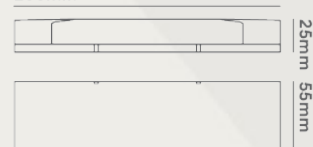
Built-in protection: - open circuit - over charging - over discharging - over temperature

Dual colour Green / Red LED status indicator

Supplied with a test button, whereby a battery duration test can be carried out at anytime

Synchronizes an automatic battery duration test every 6 months

200mm



COLOUR CHANGE



COLOUR CHANGE CONTROL

Follow the guide below to set up your colour change installation.

3 SIMPLE STEPS

1 CHOOSE YOUR PRODUCT

PRODUCTS

What products do you want?

You will need cable to connect your products to your drivers.

DRIVERS

You will need at least one driver per zone, dependant on how many products you would like to install within that zone.

Are you using an RF remote, DMX or DALI control system?

What wattage driver do you need to power your products?

REMOTES

How many zones / rooms do you need?

Which remote covers the number of zones you need?

Is a DMX control system already in place or do you need more than 8 zones? (Use a DMX control system in this case.)

Constant current products



Constant current products





If you want to colour cycle across multiple zones we recommend using power repeaters or for larger projects use DMX drivers.



It is not advised to put RGB & RGBW products in the same zone, as the colours will not always match.

2

CHOOSE CONTROL METHOD & DRIVER

3

CHOOSE YOUR CONTROLLER (RF ONLY)

Constant current drivers



75W RF, DMX and DALI drivers
See page 292

Constant voltage drivers



100W RF, DMX and DALI drivers
See page 292

200W RF, DMX and DALI drivers
See page 292



Wall mounted
CCWALLRFW
CCWALLRFB
Zones 1 - 4
Page 510



Hand held
CCREMOTEB
Zones 1 - 4
Page 510



Phone App
CollingwoodRGBW APP
Zones 1 - 8
Page 511



Router
CCRFCONWIFI
Page 511



COLOUR CHANGE CONTROL

Choose The Ideal Control For Your Installation

ZONES/REMOTES

A zone can cover any space you choose. They are often assigned to rooms so that you can have different colour settings for each room and be able to adjust them completely independently from one another using your remote control.

ZONE 1
HOUSE FRONT



ZONE 2
LIVING ROOM



ZONE 3
KITCHEN



ZONE 4
BEDROOM 1



1-4 ZONES



WALL MOUNTED RGBW REMOTE CONTROL **CCWALLRFW / CCWALLRFB**

Controlling our RGB & RGBW ranges could not be easier with this wall mounted remote control. Using radio frequency (RF) removes the need to connect a signal cable to the controller for a cleaner and quicker installation. By simply touching the screen, select solid colours or start a cycle to change the atmosphere. Colours can also be dimmed by holding down the colour button. Select up to 4 zones to give individuality to each room.

Note: The **CCWALLRF** requires 240V AC supply.

HANDHELD REMOTE CONTROL **CCREMOTEB**

Controlling RGB & RGBW lights could not be easier with this remote control. Using RF removes the need to connect a signal cable to the controller for a cleaner and quicker installation. Select solid colours or start a colour changing cycle to create the perfect atmosphere. Colours can also be dimmed by holding down the colour button. From just one remote control you can select up to 4 different rooms and change the colours individually to suit. A maximum of 8 remote controls can be used and programmed to store your favourite colours.

Note: Requires 3 x AAA batteries (not included)



Remember you can assign any room to any zone number.



If you require more than 8 zones you will need to use a DMX control system.

Once you have decided how many zones you require, you will need to select a remote that is capable of covering that number of zones. You are able to use multiple remotes as long as they are all capable of covering the number of zones you have.

ZONE 5
BEDROOM 2



ZONE 6
GARDEN



ZONE 7
DINING ROOM



ZONE 8
STAIRS/HALLWAY



1-8 ZONES



IPHONE, IPAD AND ANDROID APP FOR WIRELESS CONTROL COLLINGWOODRGBW APP

Control RGB & RGBW products with a smart device for up to 8 zones. By simply touching the screen, select solid colours, start a cycle or control lights via a sound to light option. The app can be downloaded for free on Android and iOS.

Note: Use in conjunction with **CCRFCONVWIFI**















WIFI TO RF CONVERTER CCRFCONVWIFI

Controlling RGB & RGBW products with a phone, computer or tablet could not be easier with the **CCRFCONVWIFI**. Simply add this unit into your colour change installation and select millions of colours in comfort. Using the **CollingwoodRGBW** app simply connect directly to the **CCRFCONVWIFI** or via your own WiFi.

COLOUR CHANGE CONTROL

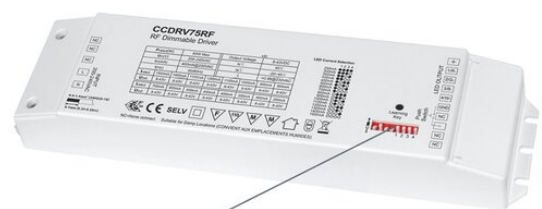
Choose The Ideal Driver For Your Installation

CHOOSE THE DRIVER THAT IS REQUIRED FOR YOUR INSTALLATION.

	RF drivers	DMX drivers	DALI drivers
<p>Which driver type do you need?</p> <p>RF drivers allow wireless control from a hand-held remote controller, a wall mounted touch panel or a phone app via the Wi-Fi converter. A driver can be paired with up to 8 individual remotes and each remote can control multiple drivers in up to 8 zones.</p>	<p>DMX allows for wired control of up to 128 different zones, and multiple drivers can be assigned to each zone to keep the lights perfectly in sync. These drivers also support RDM for more advanced control and management with RDM-enabled controllers.</p>	<p>Use a DALI driver for integration with an existing DALI control system. These drivers allow for up to 16 RGBW zones or up to 64 single-colour zones on a standard DALI system.</p>	
<p>75W Driver for all RGBW products excluding LED Strip</p>	 <p>CCDRV75RF</p>	 <p>CCDRV75DMX</p>	 <p>CCDRV75DALI</p> 
<p>100W Driver for all RGBW products excluding LED Strip</p>	 <p>CCDRV100RF</p>	 <p>CCDRV100DMX</p>	 <p>CCDRV100DALI</p> 
<p>200W Driver for all RGBW products excluding LED Strip</p>	 <p>CCDRV200RF</p>	 <p>CCDRV200DMX</p>	 <p>CCDRV200DALI</p> 

CONSTANT CURRENT SWITCHABLE MA DRIVERS

All our 75W constant current drivers are mA switchable, giving you 16 options to choose from, 250mA - 1500mA.



Drive current mA switches



If you want to colour cycle across multiple zones we recommend using power repeaters or for larger projects use DMX drivers.

CALCULATE HOW MANY DRIVERS YOU NEED FOR THE PRODUCTS YOU HAVE

Must have at least one driver per zone.

Can have multiple drivers per zone to get more products within the zone.

75W CONSTANT CURRENT DRIVERS

Product code	Product family	Max products per 75W driver	Drive current mA setting
GL016RGBW	Ground Light	13	350mA
GL090RGBW	Ground Light	4	300mA
GLTXS119RGBW	Ground Light	4	300mA
GLTXS147RGBW	Ground Light	2	300mA
GLTXS165RGBW	Ground Light	1	300mA
GLTXS193RGBW	Ground Light	3	900mA
GLTXS223RGBW	Ground Light	1	600mA
FOUX167RGBW	Ground Light	1	600mA
UL010RGBW	Ground Light	1	600mA
UL030RGBW	Ground Light	1	600mA
WL070RGBW	Ground Light	1	600mA

100W CONSTANT CURRENT DRIVERS

Product code	Product family	Max metre length per 100W driver
MC20/16/RGBTW	RGBW and Tunable White	6
MC67/16/RGBTW	RGBW and Tunable White	6
80321/RGB	RGB LED Strip	7
80331/RGB	RGB LED Strip	7
80322/RGBW	RGB LED Strip	7
80371/90/DIN	RGBW LED Strip	7

200W CONSTANT CURRENT DRIVERS

Product code	Product family	Max metre length per 200W driver
MC20/16/RGBTW	RGBW and Tunable White	12
MC67/16/RGBTW	RGBW and Tunable White	12
80321/RGB	RGB LED Strip	14
80331/RGB	RGB LED Strip	14
80322/RGBW	RGB LED Strip	14
80371/90/DIN	RGBW LED Strip	14

COLOUR CHANGE CONTROL

Choose The Ideal Power Repeater For Your Installation

POWER REPEATERS

If you are using RF control and you need several different circuits to colour cycle together, you can use power repeaters to extend the output of the driver.

FOR ALL CONSTANT CURRENT PRODUCTS USE THE PR3011

PR3011 - 350mA RGB & RGBW Power repeater

A 350mA power supply for the RGB & RGBW product range. Simply wire up to 100 PR3011 to a driver for a quick and simple colour change installation, giving you the ability to have as many as 600 luminaires per zone.



CALCULATE HOW MANY PR3011'S YOU NEED FOR THE PRODUCTS YOU HAVE

Product code	Product family	Max. per PR3011
GL016RGBW	Ground Light	6
GL090RGBW	Ground Light	2
UL010RGBW	Pond Light	6
UL030RGBW	Pond Light	2
WL070RGBW	Wall Light	1

NOTE: Tilt and Fountain lights are not suitable with PR3011

FOR ALL CONSTANT VOLTAGE PRODUCTS USE THE PR3002

PR3002 - 24V RGB & RGBW Power repeater

A 24V power supply for the strip product range. Simply wire up to 100 to a driver for a quick and simple colour change installation, giving you the ability to have as many as 1000 metres of LED strip per zone.



CALCULATE HOW MANY PR3002'S YOU NEED FOR THE PRODUCTS YOU HAVE

Up to 5m per 3002	Wattage driver needed
MC20/16/RGBTW	100W
MC67/16/RGBTW	100W
80321/RGB	100W
80331/RGB	100W
80322/RGBW	100W
80371/90/DIN	100W

DON'T FORGET YOUR 24V DRIVER TO POWER YOUR POWER REPEATER

Number of power repeaters	Wattage driver needed	Product (driver)
1	60W	LSD6024 
2-3	120W	LSD12024 
4-5	150W	PSIP15024 

The products will be powered by power repeaters that require a 24V driver. The table shows you which driver you need for the number of power repeaters you are using. **If you require more than 5 power repeaters you will need another driver.**

In the example we calculated that we need 3 x PR3011. Using the table to the right we can see that we need a 100W driver. This means that you will need to order the following:



WIRING

Don't Forget To Select The Cable You Need

CR575RGBW

5-core PVC cable



Product code	CR575RGBW
Construction material	Copper cable
Cable	PVC 5 x 0.75mm ²
Guarantee	1 year extended warranty

USE IN CONJUNCTION WITH

All RGBW products
JB7

CF505RGBW

5-core RGBW ribbon cable



Product code	CF505RGBW
Construction material	Copper cable
Cable	(AWG 24) (5 x 0.25mm ²)
Guarantee	1 year extended warranty

USE IN CONJUNCTION WITH

PR3011

LEDRGBWEXT

Colour change extension lead for RGBW products



Product code	LEDRGBWEXT
Construction material	Copper cable (PVC)
Cable	1m (AWG 24) (5 x 0.25mm ²)
Series	Series (Plug & Play)
Guarantee	1 year extended warranty

USE IN CONJUNCTION WITH

WL070RGBW

COLOUR CHANGE



RGBW



Coastal protected



IK08 suitable for pathways

GUARANTEE

7 years

BENEFITS

Installation tube available

Low profile for easy installation

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments



GL016RGBW

LED colour change ground light (5W max.)

FEATURES

Impact Strength	IK07
IP Rating	IP67
Colour Flexibility	RGBW
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Dimmable	None
Input	350mA DC
LED Life	L50 50,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	50mm
Construction Material	Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Floor
Electric Class	III
Constant Current	Yes
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL016RGBW	1.2W	4000K	40	50	42	
		Red		38	38	
		Green		63	53	
		Blue		11	9	

Energy rating is a reflection of the LED light source.

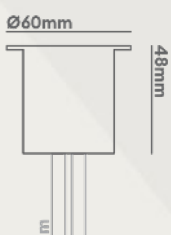
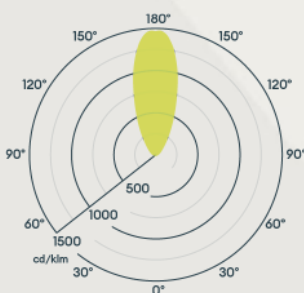
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	CR575RGBW (dia 7.4mm)

ACCESSORIES

JB7	5 pole screw terminal IP68 connector	472
TUBE/50	Installation tubes	244
PR3011	350mA RGB & RGBW POWER REPEATER	438

BEAM (°): 40





RGBW



Coastal protected



IK08 suitable for pathways

GUARANTEE

7 years

BENEFITS

High output colour change for large areas

Marine grade stainless steel for use in outdoor and indoor environments

Separate white LED for permanent use

Compatible with a large range of controllers

GL090RGBW

High output LED colour change ground light (12W max.)

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	65mm
IP Rating	IP67	Construction Material	Stainless Steel 316
Colour Flexibility	RGBW	Suitable For Coastal Areas	Yes
Tilt Angle (°)	Fixed	Ambient Temperature	35°C
Drive Over Walk Over	Walk over	Mounting Options	Floor
Dimmable	None	Electric Class	III
Input	350mA DC	Constant Current	Yes
LED Life	L50 50,000h	Earth Leakage	0.1mA
CRI	CRI>80		

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL090RGBW	3W	4000K	45	177	59	
		Red		106	53	
		Green		185	62	
		Blue		43	14	

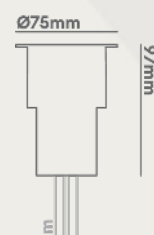
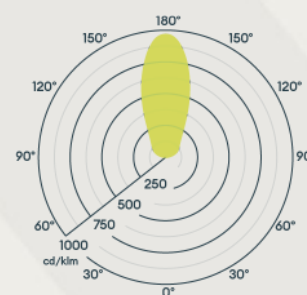
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	CR575RGBW (dia 7.4mm)

ACCESSORIES

JB7	5 pole screw terminal IP68 connector	472
TUBE/68	Installation tubes	244
PR3011	350mA RGB & RGBW POWER REPEATER	438

BEAM (°): 45



COLOUR CHANGE



RGBW



IP68 suitable for full submersion into water



Suitable for coastal C5 and high acid and alkali environment

GUARANTEE

5 years

BENEFITS

316 Stainless steel housing provides outstanding corrosion resistance

Clear but strong 8mm tempered glass cover provides high efficiency and clear colour accuracy

TRIAC mains dimmable as standard with RGBW option

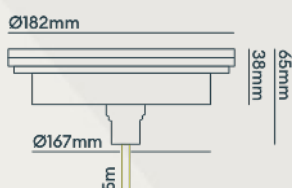
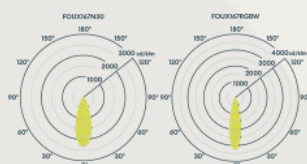
Pre-wired with 5 metres of cable to aid the installer

To be installed under water to prevent over-heating

1 1/2" BSP thread enables installation onto fabricated pipework

24V version available

BEAM (°): 35



FOUNTAIN RGBW

Water feature light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Install Connector Type	Flying lead
IP Rating	IP68	Cut Out Size	167mm
Colour Flexibility	RGBW	Bathroom Zone	0, 1 (with dimming)
Tilt Angle (°)	Fixed	Inrush Current	N/A
Sensor	None	Construction Material	Stainless Steel 316
Dimmable	None	Suitable For Coastal Areas	Yes
Input	600mA DC	Ambient Temperature	-25-40°C
LED Life	L70 50,000h	SELV	Yes
CRI	CRI>80	Mounting Options	1 1/2" BSP Thread
SDCM	SDCM3	Electric Class	III
		Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
FOUX167RGBW	13W	3000K	35	350	40	
		Red		500	40	
		Green		200	15	
		Blue		500	35	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F
Conductor Cross Section	1mm ²

ACCESSORIES

JB7	5 pole screw terminal IP68 connector	472
CR575RGBW	5-core PVC cable	473



COLOUR CHANGE



RGBW



Coastal protected



IP67 ideal for outdoor areas and under water lighting

GUARANTEE

7 years

BENEFITS

Complete with wall fixings for easy installation

Can rotate and be angled to direct light

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments



UL010RGBW

Colour change LED light (5W max.)

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP67	Bathroom Zone	1
Colour Flexibility	RGBW	Construction Material	Stainless Steel 316
Tilt Angle (°)	360	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	35°C
Sensor	None	Mounting Options	Ceiling, Wall
Dimmable	None	Electric Class	III
Input	350mA DC	Constant Current	Yes
LED Life	L50 50,000h	Earth Leakage	0.1mA
CRI	CRI>80		
Emergency Option	None		

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	Im	Lm/W	Energy
UL010RGBW	1.1W	4000K	40	50	45	
		Red		38	38	
		Green		63	57	
		Blue		11	8	

Energy rating is a reflection of the LED light source.

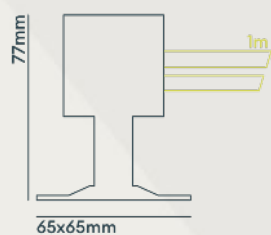
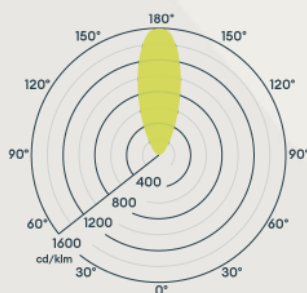
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	CR575RGBW (dia 7.4mm)

ACCESSORIES

JB7	5 pole screw terminal IP68 connector	472
CR575RGBW	5-core PVC cable	473
CCRFCONVWIFI	Battery powered, portable, smart wall control plate	433
CCREMOTEB	Smart Remote Control	433
CCWALLRFB	Battery powered, portable, smart wall control plate	433
CCWALLRFW	Battery powered, portable, smart wall control plate	433
PR3011	350mA RGB & RGBW POWER REPEATER	438

BEAM (°): 40





UL030RGBW

Colour change LED light (12W max.)

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP67	Bathroom Zone	1
Colour Flexibility	RGBW	Construction Material	Stainless Steel 316
Tilt Angle (°)	360	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	35°C
Sensor	None	Mounting Options	Ceiling, Wall
Dimmable	None	Electric Class	III
Input	350mA DC	Constant Current	Yes
LED Life	L50 50,000h	Earth Leakage	0.1mA
CRI	CRI>80		
Emergency Option	None		

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
UL030RGBW	3W	4000K	45	177	59	
		Red		106	53	
		Green		185	62	
		Blue		43	14	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	CR575RGBW (dia 7.4mm)

ACCESSORIES		
JB7	5 pole screw terminal IP68 connector	472
CR575RGBW	5-core PVC cable	473
CCRFCONVWIFI	Battery powered, portable, smart wall control plate	433
CCREMOTEB	Smart Remote Control	433
CCWALLRFB	Battery powered, portable, smart wall control plate	433
CCWALLRFW	Battery powered, portable, smart wall control plate	433
PR3011	350mA RGB & RGBW POWER REPEATER	438



RGBW



Coastal protected



IP67 ideal for outdoor areas and under water lighting

GUARANTEE

7 years

BENEFITS

Complete with wall fixings for easy installation

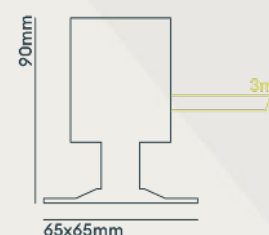
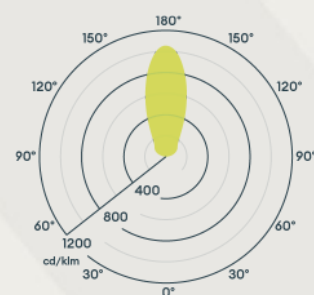
Can rotate and be angled to direct light

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

BEAM (°): 45



COLOUR CHANGE



RGBW



IP67 for complete protection against ingress of dust & water



IK10 for protection against high impact

GUARANTEE

5 years

BENEFITS

Suitable for coastal applications

Tilt angle of luminaire is adjustable, just turn knob to tilt the light distribution up to 25 degrees

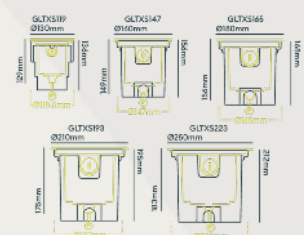
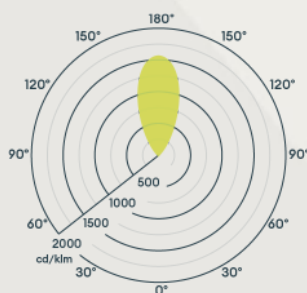
Static loading capacity is 2000kg

Pre-wired with 1 meter of cable to aid the installer

TRIAC mains dimmable and DALI-2 dimmable options also available

Supplied with installation tube

BEAM (°): 40



TILT GROUND LIGHT RGBW

Driverless, RGBW Colour Change

FEATURES

Impact Strength	IK10
IP Rating	IP67
Colour Flexibility	RGBW
Tilt Angle (°)	25
Rotation Angle (°)	Fixed
Drive Over Walk Over	Drive over (15mph maximum)
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Anodised Aluminium, Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	-25-40°C
Electric Class	III

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GLTXS119RGBW	Ø119mm cut-out	2W	3000K	40	80	28	A G
			Red		60	26	
			Green		90	30	
			Blue		30	9	
GLTXS147RGBW	Ø147mm cut-out	4W	3000K	40	160	28	A G
			Red		130	30	
			Green		190	37	
			Blue		60	11	
GLTXS165RGBW	Ø165mm cut-out	5.5W	3000K	40	260	28	A G
			Red		190	30	
			Green		300	37	
			Blue		100	11	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F
Conductor Cross Section	1mm ²

ACCESSORIES

JB3	Waterproof junction box	472
JB5	Gel filled waterproof junction box	472



RGBW



IP67 for complete protection against ingress of dust & water



IK10 for protection against high impact

GUARANTEE

5 years

BENEFITS

Suitable for coastal applications

Tilt angle of luminaire is adjustable, just turn knob to tilt the light distribution up to 25 degrees

Static loading capacity is 2000kg

Pre-wired with 1 meter of cable to aid the installer

TRIAC mains dimmable and DALI-2 dimmable options also available

Supplied with installation tube

TILT GROUND LIGHT RGBW

Driverless, RGBW Colour Change

FEATURES	
Impact Strength	IK10
IP Rating	IP67
Colour Flexibility	RGBW
Tilt Angle (°)	25
Rotation Angle (°)	Fixed
Drive Over Walk Over	Drive over (15mph maximum)
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION	
Construction Material	Anodised Aluminium, Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	-25-40°C
Electric Class	III

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GLTXS193RGBW	Ø193mm cut-out	9W	3000K	40	360	28	
			Red		275	33	
			Green		400	37	
			Blue		150	12	
GLTXS223RGBW	Ø223mm cut-out	11.5W	3000K	40	510	28	
			Red		380	39	
			Green		560	41	
			Blue		190	13	

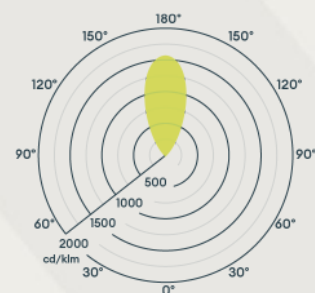
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F
Conductor Cross Section	1mm ²

ACCESSORIES

JB3	Waterproof junction box	472
JB5	Gel filled waterproof junction box	472
CR575RGBW	5-core PVC cable	473

BEAM (°): 40



COLOUR CHANGE



RGBW



Coastal protected



IP65 ideal for outdoor environments

GUARANTEE

7 years

BENEFITS

Complete with wall fixings for easy installation

Projects light in two directions

Separate white LED for permanent use

Anodised aluminium for use in outdoor and indoor environments

Compatible with a large range of controllers



WL070RGBW

Up / down LED colour change wall light (24W max.)

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Bathroom Zone	1
Colour Flexibility	RGBW	Construction Material	Anodised Aluminium
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Rotation Angle (°)	Fixed	Ambient Temperature	35°C
Sensor	None	Mounting Options	Wall
Dimmable	None	Electric Class	III
Input	350mA DC	Constant Current	Yes
LED Life	L50 50,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL070RGBW	Silver	6W	4000K	45	200	67	
			Red		145	73	
			Green		230	77	
			Blue		38	13	

Energy rating is a reflection of the LED light source.

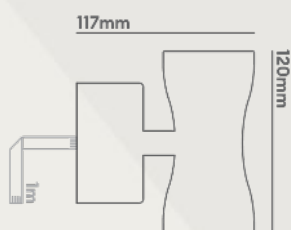
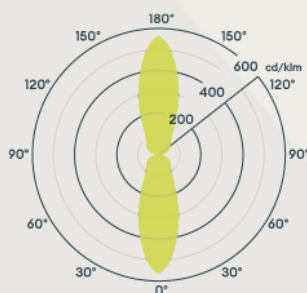
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	5-core ribbon cable

ACCESSORIES

JB7	5 pole screw terminal IP68 connector	472
LEDRGBWEXT	Colour change extension lead for RGBW products	439
CR575RGBW	5-core PVC cable	473
CCRFCONVWIFI	Battery powered, portable, smart wall control plate	433
CCREMOTEB	Smart Remote Control	433
CCWALLRFB	Battery powered, portable, smart wall control plate	433
CCWALLRFW	Battery powered, portable, smart wall control plate	433
PR3011	350mA RGB & RGBW POWER REPEATER	438

BEAM (°): 45





RGB for decorative use



Ideal for Living spaces, Staircases & Kitchens with IP20 rating



MCOB strip providing a white dot-free appearance even when switched off

MC20/16/RGBTW

RGB COB + TW LED strip, 16W/m, IP20, 24V, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape
IP Rating	IP20	Maximum Running Length	5m
Colour Flexibility	RGBW	Ambient Temperature	-20-40°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
LED/m	700		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
MC20/16/RGBTW	5m	16W/m	Red	120	1090	68	
			Green		1090	68	
			Blue		1090	68	

WIRING INFORMATION

Type Of Wiring Required	Parallel
-------------------------	----------

ACCESSORIES

5940/U	Universal radio frequency control unit to dim White, Dim to Warm, Tunable White, RGB and RGBW	130
5952/T	Four-zone wall touch panel	130
5834/DMX	RGBW digital colour control	131

GUARANTEE

5 years

BENEFITS

Ideal for primary light with 16W/m

480 LEDs/m providing high visual uniformity

Cut intervals every 100mm

14mm width

RGB + Tunable White for dynamic lighting solutions



COLOUR CHANGE



RGB + Tunable White for dynamic lighting solutions



Ideal for Bathrooms, Decking, Patios & Landscaping with IP67 rating



MCOB strip providing a white dot-free appearance even when switched off

GUARANTEE

5 years

BENEFITS

480 LEDs/m providing high visual uniformity

Cut intervals every 100mm

16mm width



MC67/16/RGBTW

RGB COB + TW LED strip, 16W/m, IP67, 24V, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	RGBW	Ambient Temperature	-20-40°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
LED/m	700		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
MC67/16/RGBTW	5m	16W/m	Red	120	1090	68	
			Green		1090	68	
			Blue		1090	68	

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

ACCESSORIES

5940/U	Universal radio frequency control unit to dim White, Dim to Warm, Tunable White, RGB and RGBW	130
5952/T	Four-zone wall touch panel	130
5834/DMX	RGBW digital colour control	131





RGB for decorative use



Ideal for Living Spaces, Shelving, Staircases & Kitchens with IP20 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

Cut intervals every 71mm

10mm width

80321/RGB

RGBW/RGB LED Strip, 14W/m, IP20, 24V, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape
IP Rating	IP20	Maximum Running Length	5m
Colour Flexibility	RGB	Ambient Temperature	-20-45°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	None		
LED/m	84		
Input	24V DC		
LED Life	L70 50,000h		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80321/RGB	5m	14W/m	Red	120	550	39	
			Green		550	39	
			Blue		550	39	

WIRING INFORMATION

Type Of Wiring Required	Parallel
-------------------------	----------

ACCESSORIES

5920/RGB	RGB control unit	130
5834/DMX	RGBW digital colour control	131



COLOUR CHANGE



RGB for decorative use



Ideal for Bathrooms, Decking, Patios & Landscaping with IP67 rating



Quick and easy installation with self-adhesive backing

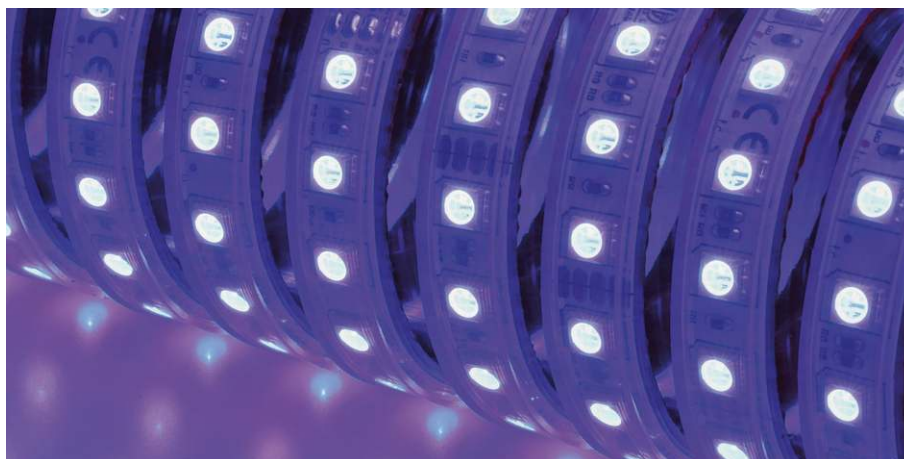
GUARANTEE

5 years

BENEFITS

Cut intervals every 71mm

12mm width



80331/RGB

RGBW/RGB LED Strip, 14W/m, IP67, 24V, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	RGB	Ambient Temperature	-20-45°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	None		
LED/m	84		
Input	24V DC		
LED Life	L70 50,000h		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80331/RGB	5m	14W/m	Red	120	550	39	
			Green		550	39	
			Blue		550	39	

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

ACCESSORIES

5920/RGB	RGB control unit	130
5834/DMX	RGBW digital colour control	131





IP20

Ideal for Living Spaces, Shelving, Staircases & Kitchens



Quick and easy installation with self-adhesive backing

SDCM3

SDCM3 ensuring uniform light appearance and consistency

GUARANTEE

5 years

BENEFITS

Cut intervals every 71.3mm

10mm width

80371/90/DIN

Tunable White LED Strip, 13.5W/m, IP20, 24V, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape
IP Rating	IP20	Maximum Running Length	5m
Colour Flexibility	Switchable CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	None		
LED/m	112		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CRI>90		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

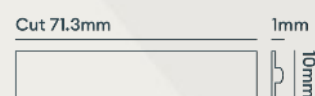
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80371/90/DIN	5m	13.5W/m	6500K	120	1693	41	

WIRING INFORMATION

Type Of Wiring Required	Parallel
--------------------------------	----------

ACCESSORIES

5950/TW	Universal radio frequency + PUSH control unit to dim White, Dim to Warm, Tunable White, RGB and RGBW
5952/T	Four-zone wall touch panel



LIGHTING CONTROL



DRIVERS

The ideal driver for every installation

We offer a wide range of drivers, suitable for any environment that are ideal for all Collingwood Lighting products, so you can expect the highest levels of quality and durability throughout your installation.

IP RATINGS

IP ratings classify the degrees of protection provided against the intrusion of solid objects and water in electrical enclosures.



IP20

Perfect for use indoors and where there is no risk of water splashing the product.



IP44

Ideal for use indoors or outdoors, in bathrooms and other places where water may be sprayed onto the product.



IP67

Suited for use outdoors and near water, but cannot be permanently submerged.

PSIP DRIVERS

We have redesigned our range of IP65 rated drivers that are used with our low voltage landscape products. 350mA and 700mA options are available and wattage range has been extended to allow for more fittings per driver. The drivers also now come with an increased warranty of five years.



DIMMING OPTIONS

As each installation is unique and has individual requirements, choose between mains, 1-10V or DALI dimming options.



Mains

If your product has an integrated mains dimmable driver, no separate driver is required. This is classed as a 'straight to mains' product.



1-10V

With a 1-10V system, all the LEDs connected to the dimmer will dim at an equal amount.

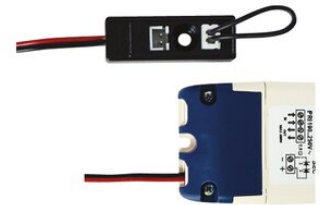


DALI

A DALI system can be structured in a way which allows LEDs to respond to certain rooms or zones. Each LED in the same zone will dim an equal amount.

PLUG & PLAY

Installing and connecting a driver is made much easier using plug and play. If you have a suitable product, use one of our plug and play drivers for straightforward installation.



OUTPUT CLASSIFICATION – CONSTANT CURRENT / CONSTANT VOLTAGE

Constant current LED drivers are designed to deliver a constant output current within a specified output voltage range. Such drives adjust the voltage throughout the circuit and keep the current on each LED constant.

Constant voltage LED drivers are designed to operate at a single, constant output voltage. The most commonly used constant voltage sources are 12 V and 24 V. The constant voltage LED driver takes the mains voltage (220 V AC) and converts it to DC, reducing it to the appropriate low voltage value for the LEDs. The drive will always remain at constant voltage, no matter how much current load. The maximum current that constant voltage drives can reach is determined by the design parameters and this value is written on the driver.

350mA

Use a 350mA driver when powering 350mA products.

700mA

Use a 700mA driver when powering 700mA products.

24V

Use a 24V driver when powering 24V products.

48V

Use a 48V driver when powering 48V products.

COLOUR CHANGE

Making controlling colour easier

Use our easy to follow step-by-step colour change control guide on pages 288 - 289 and follow the guide to determine what you need for your installation.

CONTROLLERS

Offering a choice between hand held, wall mounted or app control, finding the perfect device for you couldn't be easier. Choose the ideal control for the number of zones that you want to manage.



CCWALLRFW / CCWALLRFB

1-4 zones

Wall mounted control



CCREMOTEB

1-4 zones

Handheld control



CollingwoodRGBW App

1-8 zones

Smart device app for Android & iOS



CCRFCONWIFI

WiFi to RF converter

DRIVERS

Use the drivers to control your RGBW products, with various options available, RF, DMX or DALI all in 75W, 100W and 200W.



Constant current 75W drivers



Constant voltage 100W drivers



Constant voltage 200W drivers

RF drivers allow wireless control from a hand-held remote controller, a wall mounted touch panel or a phone app via the Wi-Fi converter.

DMX driver allows for wired control of up to 128 different zones, and multiple drivers can be assigned to each zone to keep the lights perfectly in sync.

Use a **DALI** driver for integration with an existing DALI control system.

POWER REPEATERS

A power repeater can be used to extend the capacity of a driver.



PR3011

Ideal for when using constant current products. With the ability to fit up to 100 of these to a driver, you can have as many as 600 luminaires per zone.



PR3002

Ideal solution for when using 24V products such as LED strip. With the ability to fit up to 100 of these to a driver, you can have as much as 1000m of LED strip per zone.

PRODUCTS PER DRIVER MATRIX

The table shows the minimum and maximum of each products that fits onto each driver.

	PS1524	PSMD3024	LSD3024	LSD6024	PSDIP6024	LSD7524	PSDIP10024	PSMDIP10024	LSD12024	PSIP15024	PSDAL20024	PSIP25024
Driver information												
Constant current or Constant voltage	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
Output classification	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
IP rating	IP20	IP20	IP20	IP20	IP66	IP20	IP66	IP66	IP20	IP67	IP66	IP67
Dimmable	1-10V*	Mains	No	No	1-10V	No	1-10V	Mains	No	1-10V*	1-10V	1-10V*
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No	No
Decorative												
LED LYTE IP												
LED LYTE IP T												
ML01												
Landscape - Commercial Landscape												
BOL01												
FOUX167N30			1-1	1-2	1-2	1-2	1-4		1-4	1-6		1-10
GL016												
GL016 Frosted												
GL018	1-30	36-60	1-60	1-120	1-120	1-120	1-200	1-200	1-240	1-300	1-400	1-500
GL019												
GL019 Frosted												
GL021												
GL022												
GL034												
GL038												
GL040												
GL040 Frosted												
GL100												
SL030												
SL040A												
SL130												
SL220												
SL230												
SL230 Single Head												
Spydra												
UL010												
UL030												

To place an order use the driver product codes below.

DRV350700TD (350mA & 500mA)	DRV150700 (150mA-350mA)	DRV150700 (400mA-700mA)	DRV350700TD (700mA)	PLD UNI-DRIVE 350MA	PSDAL350M	PSDIM350	PSIP3509W	PSIP35018W	PLDM7001I	PLD UNI-DRIVE 700MA	PSDAL700M	PSDIM700	PSIP70018W	PSIP70036W
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
350mA-500mA	150mA-350mA	400mA-700mA	700mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA	700mA
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20	IP20	IP65	IP65
Mains (Triac)	No	No	Mains (Triac)	1-10V	DALI or 1-10V	1-10V	No	No	Mains	1-10V	DALI or 1-10V	1-10V	No	No
No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No

*Requires a PDCINTI-10V interface to make it 1 - 10V dimmable

4-14	1-15			1-10	1-18	1-18	1-8	9-17						
4-14	1-15			1-10	1-18	1-18	1-8	9-17						
4-14	1-15			1-10	1-18	1-18	1-8	9-17						

4-14	1-15	1-15	4-10	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
3-12	1-13			1-16	1-23	1-23	1-7	8-15						
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
3-12	1-13			1-16	1-23	1-23	1-7	8-15						
4-14	1-15			1-10	1-18	1-18	1-8	9-17						
4-14	1-15			1-10	1-18	1-18	1-8	9-17						
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
3-12	1-13			1-16	1-23	1-23	1-7	8-15						
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
4-14	1-15	1-15	4-10	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17
		1-4	2-3							1-3	1-6	1-6	1-2	3-5
4-14	1-15	1-15	4-10	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
1-3	1-3	1-3	1-2	1-4	1-6	1-6	1-2	3-4		1-3	1-6	1-6	1-2	3-4
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
2-4	1-4	1-4	2-3	1-3	1-5	1-5	1-2	3-5		1-3	1-6	1-6	1-2	3-5
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8

PRODUCTS PER DRIVER MATRIX

The table shows the minimum and maximum of each products that fits onto each driver.

	5855	5988	5989	5674	5678	5990	5677	5675	5671	5796	5788
Driver information											
Constant current or Constant voltage	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
Output classification	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
IP rating	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP67	IP67
Dimmable	No	No	No	No	No	No	No	No	No	No	No
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No

*Requires a PDCINTI-10V interface to make it 1 - 10V dimmable

24V Strip	Maximum length										
50041	1.5m	2.5m	5m	5m	6m	8m	10m	12.5m	12.5m	15m	2m
50051	1.5m	2.5m	5m	5m	6m	8m	10m	12.5m	12.5m	15m	2m
50092	1m	1.5m	3m	3.5m	4m	5.5m	6.5m	8m	8m	10m	1.5m
50102	1m	1.5m	3m	3.5m	4m	5.5m	6.5m	8m	8m	10m	1.5m
70002	3.5m	5m	10.5m	12m	13m	17.5m	20.5m	26m	26m	31m	4m
70012	3.5m	5m	10.5m	12m	13m	17.5m	20.5m	26m	26m	31m	4m
70042	2.5m	3.5m	7m	8m	9m	12m	14m	18m	18m	21m	3m
70052	2.5m	3.5m	7m	8m	9m	12m	14m	18m	18m	21m	3m
70092	1.5m	2m	4.5m	5m	5.5m	7.5m	9m	11.5m	11.5m	13.5m	1.5m
70102	1.5m	2m	4.5m	5m	5.5m	7.5m	9m	11.5m	11.5m	13.5m	1.5m
FL01	2.5m	3.5m	7.5m	8.5m	9.5m	12.5m	15m	19m	19m	22.5m	3m
FL02	1.5m	2.5m	5.5m	6.5m	7m	9.5m	11.5m	14.5m	14.5m	17m	2.5m
FL03	2m	3m	6.5m	7.5m	8m	11m	13m	16.5m	16.5m	19.5m	2.5m
FL04	2m	2.5m	5.5m	6.5m	7m	9.5m	11.5m	14.5m	14.5m	17m	2.5m
FL05	2m	3m	6m	7m	7.5m	10m	12m	15m	15m	18m	2.5m
FL35	1.5m	2.5m	5m	6m	6.5m	8.5m	10.5m	13m	13m	16m	2m
80160	1m	1.5m	3m	3.5m	4m	5.5m	6.5m	8m	8m	10m	1m
80200	2.5m	3.5m	7m	8m	9m	12m	14m	18m	18m	21.4m	3m
80300	1m	1.5m	3.5m	4m	4.5m	6m	7m	9m	9m	10.5m	1.5m
80310	1m	1.5m	3.5m	4m	4.5m	6m	7m	9m	9m	10.5m	1.5m
80340	0.5m	1m	2.5m	3m	3m	4m	5m	6.5m	6.5m	7.5m	1m
80350	0.5m	1m	2.5m	3m	3m	4m	5m	6.5m	6.5m	7.5m	1m
80360	0.5m	1m	2m	2m	2.5m	3m	4m	5m	5m	6m	0.5m
80390	1m	2m	4m	4.5m	5m	6.5m	8m	10m	10m	12m	1.5m
80371	1m	1.5m	4m	5m	5m	7m	8.5m	10.5m	10.5m	12.5m	1m
MC20	1.5m	2m	4.5m	5m	5.5m	7.5m	9m	11m	11m	13.5m	1.5m
MC67	1.5m	2m	4.5m	5m	5.5m	7.5m	9m	11m	11m	13.5m	1.5m

24V Strip											
FL3D48											
48092											
48102											

To place an order use the driver product codes below.

5789	5782	5783	5784	5672	5947	5986	5802/T	5724	5742	5743	5744	5993	5995	5996	5997
CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
24V	24V	24V	24V	24V	24V	24V	24V	24V	48V	48V	48V	48V	48V	48V	48V
IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP20	IP67	IP20	IP20	IP67	IP67	IP67	IP67	IP67
No	No	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No
No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

*Requires a PDCINTI-10V interface to make it 1 - 10V dimmable

Maximum length															
3m	5m	6m	8m	12.5m	20m	26.5m	8m	8m							
3m	5m	6m	8m	12.5m	20m	26.5m	8m	8m							
2m	3m	4m	5.5m	8m	13m	17.5m	5.5m	5.5m							
2m	3m	4m	5.5m	8m	13m	17.5m	5.5m	5.5m							
7m	10.5m	13m	17.5m	26m	41.5m	55.5m	17.5m	17.5m							
7m	10.5m	13m	17.5m	26m	41.5m	55.5m	17.5m	17.5m							
4.5m	7m	9m	12m	18m	28.5m	38m	12m	12m							
4.5m	7m	9m	12m	18m	28.5m	38m	12m	12m							
3m	4.5m	5.5m	7.5m	11.5m	18m	24m	7.5m	7.5m							
3m	4.5m	5.5m	7.5m	11.5m	18m	24m	7.5m	7.5m							
5m	7.5m	9.5m	12.5m	19m	30m	40.5m	12.5m	12.5m							
4m	5.5m	7m	9.5m	14.5m	23m	31m	9.5m	9.5m							
4.5m	6.5m	8m	11m	16.5m	26m	35m	11m	11m							
4m	5.5m	7m	9.5m	14.5m	23m	31m	9.5m	9.5m							
4m	6m	7.5m	10m	15m	24.5m	32m	10m	10m							
3.5m	5m	6.5m	8.5m	13m	22m	28m	8.5m	8.5m							
2m	3m	4m	5.5m	8m	13m	17.5m	5.5m	5.5m							
4.5m	7m	9m	12m	18m	28.5m	38m	12m	12m							
2.5m	3.5m	4.5m	6m	9m	14m	19m	6m	6m							
2.5m	3.5m	4.5m	6m	9m	14m	19m	6m	6m							
1.5m	2.5m	3m	4m	6.5m	10.5m	14m	4m	4m							
1.5m	2.5m	3m	4m	6.5m	10.5m	14m	4m	4m							
1m	2m	2m	2.5m	3m	4m	5m	3m	3m							
2.5m	4m	5m	6.5m	10m	16m	21.5m	6.5m	6.5m							
2.5m	4m	5m	7m	10.5m	17m	23m									
3m	4.5m	5.5m	7.5m	11.5m	18.5m	24m	7.5m	7.5m							
3m	4.5m	5.5m	7.5m	11.5m	18.5m	24m	7.5m	7.5m							

									5m	20m	25m	10m	15m	24m	32m
									3.6m	18.1m	22.7m	9m	13.6m	21.8m	29m
									3.6m	18.1m	22.7m	9m	13.6m	21.8m	29m

PRODUCTS PER DRIVER MATRIX

Choose the right power repeater and driver

Colour change

For all constant current products you will need the **PR3011** and for all constant voltage products you will need the **PR3002**.

Once you know how many products will be installed in your zone use the relevant tables to work out how many power repeaters you will need and which driver to power them.

Do this
for each
zone

LSR05 - Bespoke lengths available

Length of strip per power repeater	Wattage driver required	Product (driver)
Up to 2m per PR3002	60W	LSD6024
Up to 5m per PR3002	120W	LSD12024
Up to 10m per PR3002	150W	PSIP15024

POWER REPEATER COMPARISON

Choose the right power repeater and driver

Product code	Constant current / Constant Voltage	Rated wattage	Input current	Input voltage	Output current	Output voltage	Ambient temperature (TA=°C)	Case temperature (TC=°C)	Control
PR3011	CC	4 x 8.4W max.	1.6A max.	24V DC	4 x 350mA	4 x 24V max.	40°C	70°C	CCDRV100___ CCDRV200___
PR3002	CV	39W channel max.	6.5A max.	24V DC	4 x 1.6A	4 x 24V	40°C	70°C	CCDRV100___ CCDRV200___

DIMMING INTERFACE

Choose the right dimming interface

Product code	Type of interface	Rated wattage	Input current	Input voltage	Output current	Output voltage	Power factor	Ambient temperature (TA=°C)	Case temperature (TC=°C)	Control	Double insulation	Efficiency	IP rating
PDCINT1-10V	1-10V for 24V drivers	288W	12A max.	24V DC	12A max.	24V DC	-25°C to 40°C	-25°C - 40°C	70°C	DALI-2, PUSH DIM, 0-10V and 1-10V		99%	IP20

The products will be powered by power repeaters that require a 24V driver. The table below shows which driver is needed for the number of power repeaters being used.

Products per PR3011		Products per PR3011		PR3011's per driver		
Product code	Max. per PR3011	Product code	Max. per PR3011	Number of PR3011's	Wattage driver required	Product (driver)
GLO16RGBW	6	WL070RGBW	1	1	60W	LSD6024
GLO90RGBW	2	UL010RGBW	6	2 - 3	120W	LSD12024
		UL030RGBW	2	4 - 5	150W	PSIP15024

IP rating	Loop in / loop out	Din rail mount	Protection	Dimensions	Weight	Connections	Accessories	Warranty
IP20	Yes		Short circuit & overheating	H: 28.5 mm L: 170 mm W: 58 mm	165g	Screw terminals < 2.5mm ² cable		5 years guarantee
IP20	Yes		Short circuit & overheating	H: 28.5mm L: 170mm W: 58mm	165g	Screw terminals < 2.5mm ² cable		5 years guarantee

Inrush current	Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
					H: 28mm L: 138mm W: 40mm	80g	Terminals	4mm ² max.	1.5mm ² max.		1 year

DRIVER COMPARISON

For full driver specifications visit our website collingwoodlighting.com

	Rated Wattage (Output)	Output Voltage	Output Current	Input Voltage	Input Current (Maximum)	Inrush Current	Power Factor	Ambient Temperature (TA=°C)	Control	Double Insulation	Efficiency	IP Rating	Plug & Play
EUP30T1HMC0	30W	3-40V	750mA	220-240 V AC	0.17A	15A	0.9	-20-50° C	Mains (Leading Edge/ Trailing Edge)		87	IP20	Yes
LSD12024	120W	24V	5000mA	220-240 V AC	0.64A	36A 0.183ms	0.9	-15-45° C	Dimmable with PDCINTI-10V	Yes	90	IP20	No
LSD6024	60W	24V	2500mA	220-240 V AC	0.32A	37A 0.215ms	0.9	-15-45° C	Dimmable with PDCINTI-10V	Yes	89	IP20	No
DRV150700	30W	2.5-42V	150-700 mA	220-240 V AC		5.38A 0.032ms	0.95	45°C	None	Yes	89	IP20	
DRV350700TD	20W	9-29V	350-700 mA	220-240 V AC		15A 0.09ms	0.95	50°C	Mains (Leading Edge/ Trailing Edge)	Yes	81	IP20	
PLD UNI-DRIVE 350MA	18W	2-46V	350mA	110-240V AC	0.14A	5A 0.05ms	0.98	-25-50° C	1-10V	Yes	80	IP20	
PLD UNI-DRIVE 700MA	30W	2-36V	700mA	110-240V AC	0.14A	5A 0.05ms	0.98	-25-50° C	1-10V	Yes	80	IP20	
PS1524	15W	24V	625mA	220-240 V AC	0.08A	28A 0.02ms	0.5	45°C	Dimmable with PDCINTI-10V	Yes	84	IP20	
PS250600MA	25W	14-42V	250-600mA	220-240 V AC	0.18A	40A 0.35ms	0.95	-20-45° C	0-10V,DALI-2 ,PUSH-DIM	Yes	85	IP20	No
PS6501100MA	46W	14-42V	650-1100mA	220-240 V AC	0.3A	40A 0.35ms	0.95	-20-45° C	0-10V,DALI-2 ,PUSH-DIM	Yes	87	IP20	No

Protection	SELY	Dimensions	Weight	Input cable	Output cable	Accessories	Warranty
	Yes	H: 42.5mm L: 185mm W: 28.5mm	0.15kg	Mains: Push-fit terminals 0.75 - 1.5mm ² DC: Plug & Play connectors	0.75 - 2.5mm ²	LEDEP10	3 years
Mains Surge, Short / Open Circuit	Yes	H: 30mm L: 300mm W: 40mm	0.425kg	Terminals 0.75-1.5mm ²	0.75 - 1.5mm ²		5 years
Mains Surge, Short / Open Circuit	Yes	H: 30mm L: 180mm W: 52mm	0.296kg	Terminals 0.75-1.5mm ²	0.75 - 1.5mm ²		5 years
Open Circuit, Short Circuit, Over Temperature Self Reset	Yes		0.14kg	Terminals 0.75-1.5mm ²	0.75 - 1.5mm ²		5 years
Open Circuit, Short Circuit, Over Temperature Self Reset	Yes		0.125kg	Push-fit terminal connector			5 years
Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm	0.245kg	Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ² max		5 years
Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm	0.1kg	Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ² max		5 years
Short circuit, overload & overheating	Yes	H: 19mm L: 103mm W: 35.5mm	0.05kg	Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ²	PDCINT1-10V	3 years
Over Voltage, Short Circuit, Thermal	Yes	H: 30mm L: 125mm W: 76mm	0.17kg	Terminals 0.75-1.5mm ²	0.5-1.5mm ²		5 years
Over Voltage, Short Circuit, Thermal	Yes	H: 30mm L: 125mm W: 76mm	0.19kg	Mains: Push-fit terminals 0.75 - 1.5mm ² DC: Plug & Play connectors	0.5-1.5mm ²		5 years

DRIVER COMPARISON

For full driver specifications visit our website collingwoodlighting.com

	Rated Wattage (Output)	Output Voltage	Output Current	Input Voltage	Input Current (Maximum)	Inrush Current	Power Factor	Ambient Temperature (TA=°C)	Control	Double Insulation	Efficiency	IP Rating	Plug & Play
PS7524	75W	24V	3130mA	220-240 V AC	0.4A	75A 0.11ms	0.9	-20-45° C	Dimmable with PDCINTI-10V	Yes	85	IP20	
PSDAL20024	200W	24V	8330mA	220-240 V AC	1.4A	56A 640µs	0.98	-25-50° C	DALI	Yes	85	IP66	
PSDAL350M	1-18W	2-74V	350mA	110-240V AC	0.25A	20A 0.4ms	0.95	-25-50° C	1-10V,DALI-2	Yes	90	IP20	
PSDAL700M	3-50W	2-71V	700mA	110-240V AC	0.25A	20A 0.4ms	0.95	-25-50° C	1-10V,DALI-2	Yes	90	IP20	
PSDIM350	1-18W	2-74V	350mA	110-240V AC	0.25A	20A 0.4ms	0.95	-25-50° C	1-10V	Yes	80	IP20	
PSDIM700	3-50W	2-71V	700mA	110-240V AC	0.25A	20A 0.4ms	0.95	-25-50° C	1-10V	Yes	80	IP20	
PSDIP10024	100W	24V	4150mA	220-240 V AC	0.546A	45A 0.7ms	0.98	40°C	0-10V	Yes	80	IP66	
PSIP15024	150W	24V	6300mA	220-240 V AC	0.8A	45A 1ms	0.95	50°C	Dimmable with PDCINTI-10V	Yes	85	IP67	
PSIP25024	250W	24V	10400mA	220-240 V AC	1.6A	30A 0.2ms	0.96	50°C	Dimmable with PDCINTI-10V	Yes	84	IP67	
PSIP35018W	18W	25-50V	350mA	220-240 V AC	0.1A	13A 0.1ms	0.9	50°C	None	Yes	83	IP65	

Protection	SELY	Dimensions	Weight	Input cable	Output cable	Accessories	Warranty
Short circuit, overload, overheating & over voltage	Yes	H: 28.2mm L: 170mm W: 44.5mm	0.235kg	Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ²		3 years
Short circuit, overload & overheating	Yes	H: 53mm L: 255mm W: 80mm	1.086kg	Flying lead	0.25m, 1,5mm ² 2-core cable Ø 9mm		3 years
Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	0.1kg	Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ² max		5 years
Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	0.1kg		0.5-2.5mm ² max		5 years
Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	0.1kg		0.5-2.5mm ² max		5 years
Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	0.1kg		0.5-2.5mm ² max		7 years
Short circuit, overload & overheating	Yes	H: 44mm L: 230mm W: 68mm	1.12kg	Flying lead	0.25m, 1,5mm ² 2-core cable Ø: 7mm		3 years
Short circuit, overload & overheating	Yes	H: 37mm L: 190mm W: 62mm	0.8kg	Flying lead	0.25m, 1mm ² 2-core cable Ø 8mm	PDCINT1-10V	3 years
Short circuit, overload & over current	Yes	H: 36mm L: 220mm W: 62mm	0.875kg	Flying lead	0.25m, 2mm ² 2-core cable Ø: 9mm	PDCINT1-10V	3 years
Short circuit, overload & overheating	Yes	H: 25mm L: 180mm W: 42mm	0.195kg	Flying lead	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years

DRIVER COMPARISON

For full driver specifications visit our website collingwoodlighting.com

	Rated Wattage (Output)	Output Voltage	Output Current	Input Voltage	Input Current (Maximum)	Inrush Current	Power Factor	Ambient Temperature (TA=°C)	Control	Double Insulation	Efficiency	IP Rating	Plug & Play
PSIP3509W	9W	2.5-25V	350mA	220-240 V AC	0.05A	8A 0.1ms	0.9	50°C	None	Yes	82	IP65	
PSIP70018W	18W	2.5-25V	700mA	220-240 V AC	0.1A	12A 0.1ms	0.9	50°C	None	Yes	83	IP65	
PSIP70036W	36W	25-50V	700mA	220-240 V AC	0.18A	18A 0.1ms	0.9	50°C	None	Yes	85	IP65	
PSMD3024	30W	24V	1250mA	180-240 V AC	0.18A	3A 0.08ms	0.95	50°C	Mains (Leading Edge/ Trailing Edge)	Yes	83	IP20	
PSMDIP10024	100W	24V	4170mA	180-240 V AC	0.8A	30A 0.2ms	0.6		Mains (Leading Edge/ Trailing Edge)	Yes	85	IP66	
5742	150W	48V	3130mA	220-240 V AC	0.9A	46A 0.396ms	0.9	-20-45° C	None	Yes	91	IP20	
5743	200W	48V	4170mA	220-240 V AC	1.1A	37.2A 0.400ms	0.9	-20-45° C	None	Yes	93	IP20	
5744	250W	48V	5200mA	220-240 V AC	1.3A	46.4A 0.680ms	0.9	-20-45° C	None	Yes	93	IP20	
5995	150W	48V	3130mA	220-240 V AC	0.9A	65A 0.550ms	0.95	-40-90° C	None	Yes	90	IP65	
5996	240W	48V	5000mA	220-240 V AC	1.5A	60A 0.510ms	0.97	-40-90° C	None	No	93	IP67	

Protection	SELY	Dimensions	Weight	Input cable	Output cable	Accessories	Warranty
Short circuit, overload & overheating	Yes	H: 24mm L: 160mm W: 38mm	0.195kg	Flying lead	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
Short circuit, overload & overheating	Yes	H: 24mm L: 160mm W: 38mm	0.195kg	Flying lead	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
Short circuit, overload & overheating	Yes	H: 25mm L: 180mm W: 42mm	0.245kg	Flying lead	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
Short circuit, overload & overheating	Yes	H: 45mm L: 185mm W: 65mm	0.215kg	Terminals 0.75-4.0mm ²	0.5-4.0mm ² max		3 years
Short circuit, overload & over current	Yes	H: 43mm L: 230mm W: 70mm	1.3kg	Flying lead	0.25m, 1mm ² 2-core cable Ø: 7mm		1 year
Short circuit, overload, overheating & over voltage	Yes	H: 30mm L: 227mm W: 38mm		Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ² max		3 years
Short circuit, overload, overheating & over voltage	Yes	H: 30mm L: 318mm W: 45mm		Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ² max		3 years
Short circuit, overload, overheating & over voltage	Yes	H: 30mm L: 318mm W: 45mm		Push-fit terminals 0,5 - 1,5mm ²	0.5-1.5mm ² max		3 years
Short circuit, overload, overheating & over voltage	Yes	H: 35.5mm L: 219mm W: 63mm			H05RN-F 2x1mm ² (red/black) 30cm		5 years
Short circuit, overload, overheating & over voltage	Yes	H: 37.5mm L: 244mm W: 71mm	1.22kg	H05RN-F 3x1mm ² (Brown, Blue and Green/ Yellow)	H05RN-F 2x1mm ² (red/black) 30cm		5 years

DRIVER COMPARISON

For full driver specifications visit our website collingwoodlighting.com

	Rated Wattage (Output)	Output Voltage	Output Current	Input Voltage	Input Current (Maximum)	Inrush Current	Power Factor	Ambient Temperature (TA=°C)	Control	Double Insulation	Efficiency	IP Rating	Plug & Play
5997	320W	48V	6700mA	220-240 V AC	1.65A	70A 1.010ms	0.95	-40-90° C	None	No	95	IP67	
5999	100W	48V		220-240 V AC	1.3A	70A 0.5ms	0.95	-40-45° C	None	No	88	IP67	

Protection	SELY	Dimensions	Weight	Input cable	Output cable	Accessories	Warranty
Short circuit, overload, overheating & over voltage	Yes	H: 43.8mm L: 252mm W: 90mm	1.88kg	H05RN-F 3x1mm ² (Brown, Blue and Green/ Yellow)	H05RN-F 2x1mm ² (red/ black) 30cm		5 years
Short circuit, overload, overheating & over voltage	Yes	H: 32mm L: 153mm W: 63mm	0.567kg	H05RN-F 3x1mm ² (Brown, Blue and Green/ Yellow)	H05RN-F 2x1mm ² (Red-Black) length 25cm		5 years

GENERAL ACCESSORIES

Junction Boxes and Wiring

JB2 (SERIES)

WATERPROOF JUNCTION BOX



Key features		Use in conjunction with		
Max. voltage	48V DC	GL016	GL019	GL040
Max. current	700mA	GL100	UL010	SL220
Max. conductor size	1mm ²			
Cable diameter	5 - 6.5mm ²			
IP rating	IP68 (2m)			
Wiring	Series			
Inputs	1			
Outputs	1 - 3			

JB5 (PARALLEL)

GEL FILLED WATERPROOF JUNCTION BOX



Key features		Use in conjunction with	
Max. voltage	250V AC	GL200	WL339
Max. current	16A	WL341	
Max. conductor size	1.5mm ²		
Cable diameter	6.5 - 12mm ²		
IP rating	IP68 (1.3m)		
Wiring	Parallel		
Inputs	1		
Outputs	1 - 3		

JB3

WATERPROOF JUNCTION BOX



Key features		Use in conjunction with
Max. voltage	400V AC	GL016RGBW
Max. current	30A	
Max. conductor size	4mm ²	
Cable diameter	3 - 12mm ²	
IP rating	IP66	
Wiring	Parallel	
Inputs	1	
Outputs	1 - 7	

JB6

INLINE IP68 GEL FILLED CABLE CONNECTOR



Key features		Use in conjunction with
Max. voltage	250V AC	WCR 275 BLACK Ideal for extending cable when it's not long enough
Max. current	6A	
Max. conductor size	0.75mm ²	
Cable diameter	4.8 - 6mm ²	
IP rating	IP68 (1.3m)	
Wiring	Inline	
Inputs	1	
Outputs	1	

JB4 (SERIES)

GEL FILLED WATERPROOF JUNCTION BOX



Key features		Use in conjunction with		
Max. voltage	120V DC	GL016	GL019	GL040
Max. current	700mA	GL100	UL010	SL220
Max. conductor size	1.5mm ²			
Cable diameter	3 - 12mm ²			
IP rating	IP66			
Wiring	Series			
Inputs	1			
Outputs	1 - 7			

JB7

5 POLE SCREW TERMINAL IP68 CONNECTOR



Key features (RGBW only)		Use in conjunction with
Max. voltage	24V	GL016RGBW
Max. current	1.4A	
Max. conductor size	4mm ²	
Cable diameter	7 - 10.5mm ²	
IP rating	IP68 (1.3m)	
Wiring	Parallel	
Inputs	1	
Outputs	1	

WC5-9

QUICK RELEASE
WATERPROOF CONNECTOR



Key features		Use in conjunction with	
Max. voltage	250AC/50 DC	GL200	SL220
Max. current	10A	WL339	WL340
Max. conductor size	4mm ²	WL341	WL342
Cable diameter	5 - 9mm ²		
IP rating	IP68 (1.3m)		
Wiring	Inline		
Inputs	1		
Outputs	1		

WCR 275 BLACK

2-CORE
RUBBER CABLE



Key features		Use in conjunction with	
Cable	H05RN-F 2 x 0.75mm ² Outer diameter 6mm	JB2	JB4
Material	Copper cable, rubber outer	JB6	
Length	100m reel		

WCR 375 BLACK

3-CORE
RUBBER CABLE



Key features		Use in conjunction with	
Cable	H05RN-F 3 x 0.75mm ² Outer diameter 6mm	JB5	WC 5-9
Material	Copper cable, rubber outer		
Length	100m reel		
Indoor / outdoor	Suitable for permanent outdoor use		

A	DLE5245500.....	32	FL02WPCS.....	205	GL019E30BL.....	214	
AC2N.....	362	DLSENSE.....	31	FL02WXCS.....	205	GL019E30SS.....	214
AC4N.....	363	DLT389BLK.....	35	FL03/C.....	162	GL019RSS22F.....	228
AC5NEM.....	364	DLT551500B.....	36	FL03/F.....	162	GL019RSS22S.....	228
AC6N.....	365	DLT661600A.....	37	FL03/N.....	162	GL019RSS27F.....	228
AIN3KCLBKGD.....	61	DMB66N4K.....	322	FL03APCS.....	206	GL019RSS27S.....	228
AIN3KCLBKWH.....	61	DMB66X4K.....	322	FL03AXCS.....	206	GL019RSS30F.....	228
AIN3KCLWHGD.....	61	DMW66N4K.....	322	FL03BPCS.....	206	GL019RSS30S.....	228
AIN3KCLWHWH.....	61	DMW66X4K.....	322	FL03BXCS.....	206	GL019RSS40F.....	228
AIN3KPLBKGD.....	60			FL03WPCS.....	206	GL019RSS40S.....	228
AIN3KPLBKWH.....	60	E		FL03WXCS.....	206	GL019USS22F.....	229
AIN3KPLWHGD.....	60	EMBLRWDP.....	417	FL04/C.....	163	GL019USS22S.....	229
AIN3KPLWHWH.....	60	EMBLWD.....	418	FL04/F.....	163	GL019USS27F.....	229
AIN3KWLBK.....	62	EMBLWDP.....	416	FL04/N.....	163	GL019USS27S.....	229
AIN3KWLWH.....	62	EMBLWMS.....	418	FL05/C.....	164	GL019USS30F.....	229
ARPBIN.....	300	EMBMXWD.....	390	FL05/F.....	164	GL019USS30S.....	229
ARPBINE.....	300	EMBMXWMS.....	390	FL05/N.....	164	GL019USS40F.....	229
ASW451N40.....	350	EMBWID.....	421	FL05/RGB.....	165	GL019USS40S.....	229
ASW451N40ES.....	350	EMBWIMS.....	421	FL05APCS.....	207	GL021 27.....	216
ASW452N40.....	350	EMBW3D.....	421	FL05AXCS.....	207	GL021 NW.....	216
ASW452N40ES.....	350	EMBW3MS.....	421	FL05BPCS.....	207	GL022 27.....	217
		EMBXWD.....	419	FL05BXCS.....	207	GL022 NW.....	217
B		EMBXWDHP.....	420	FL05WPCS.....	207	GL022 WW.....	217
BLSAG3RDCS.....	277	EMBXWMS.....	419	FL05WXCS.....	207	GL034SS22MF.....	215
BLSAG6RDCS.....	277	EMBXWMSHP.....	420	FL10BXCS.....	208	GL034SS27MF.....	215
BLSBK3RDCS.....	277	EMR3CBMS.....	84	FL230/2700K/05.....	167	GL034SS30MF.....	215
BLSBK6RDCS.....	277	EMR3CWMS.....	84	FL230/2700K/20.....	167	GL034SS40MF.....	215
BLSCN3RDCS.....	277	EMRSW2D.....	424	FL230/C/05.....	167	GL038SS22MF.....	243
BLSCN6RDCS.....	277	EMRSW2MS.....	424	FL230/C/20.....	167	GL038SS27MF.....	243
BT4N.....	367	EMRWID.....	425	FL230/N/05.....	167	GL038SS30MF.....	243
BT5N.....	368	EMRWIMS.....	425	FL230/N/20.....	167	GL038SS40MF.....	243
BT6N.....	369	EMRW3D.....	426	FL35/C.....	168	GL040RSS22F.....	240
		EMRW3MS.....	426	FL35/N.....	168	GL040RSS22S.....	240
C		EMTW5D.....	423	FL3D48/C.....	166	GL040RSS27F.....	240
CDL0218S.....	313	EMTW5MS.....	423	FL3D48/N.....	166	GL040RSS27S.....	240
				FOUX167RGBW.....	442	GL040RSS30F.....	240
D		F				GL040RSS30S.....	240
DL282WHNWDIM.....	28	FL01/C.....	160	G		GL040RSS40F.....	240
DL282WHWWDIM.....	28	FL01/F.....	160	GL016RGBW.....	440	GL040RSS40S.....	240
DL507BSM.....	314	FL01/N.....	160	GL016RSS22F.....	241	GL040USS22F.....	242
DL507CRM.....	314	FL01APCS.....	204	GL016RSS22S.....	241	GL040USS22S.....	242
DL507MWM.....	314	FL01AXCS.....	204	GL016RSS27F.....	241	GL040USS27F.....	242
DL510BSM.....	315	FL01BPCS.....	204	GL016RSS27S.....	241	GL040USS27S.....	242
DL510CRM.....	315	FL01BXCS.....	204	GL016RSS30F.....	241	GL040USS30F.....	242
DL510MWM.....	315	FL01WPCS.....	204	GL016RSS30S.....	241	GL040USS30S.....	242
DLE4353830.....	34	FL01WXCS.....	204	GL016RSS40F.....	241	GL040USS40F.....	242
DLE4353840.....	34	FL02/C.....	161	GL016RSS40S.....	241	GL040USS40S.....	242
DLE4357030.....	34	FL02/F.....	161	GL018 C 27.....	226	GL090RGBW.....	441
DLE4357040.....	34	FL02/N.....	161	GL018 C NW.....	226	GL100SSIW22.....	230
DLE4723830.....	33	FL02APCS.....	205	GL018 C WARM WHITE.....	226	GL100SSIW27.....	230
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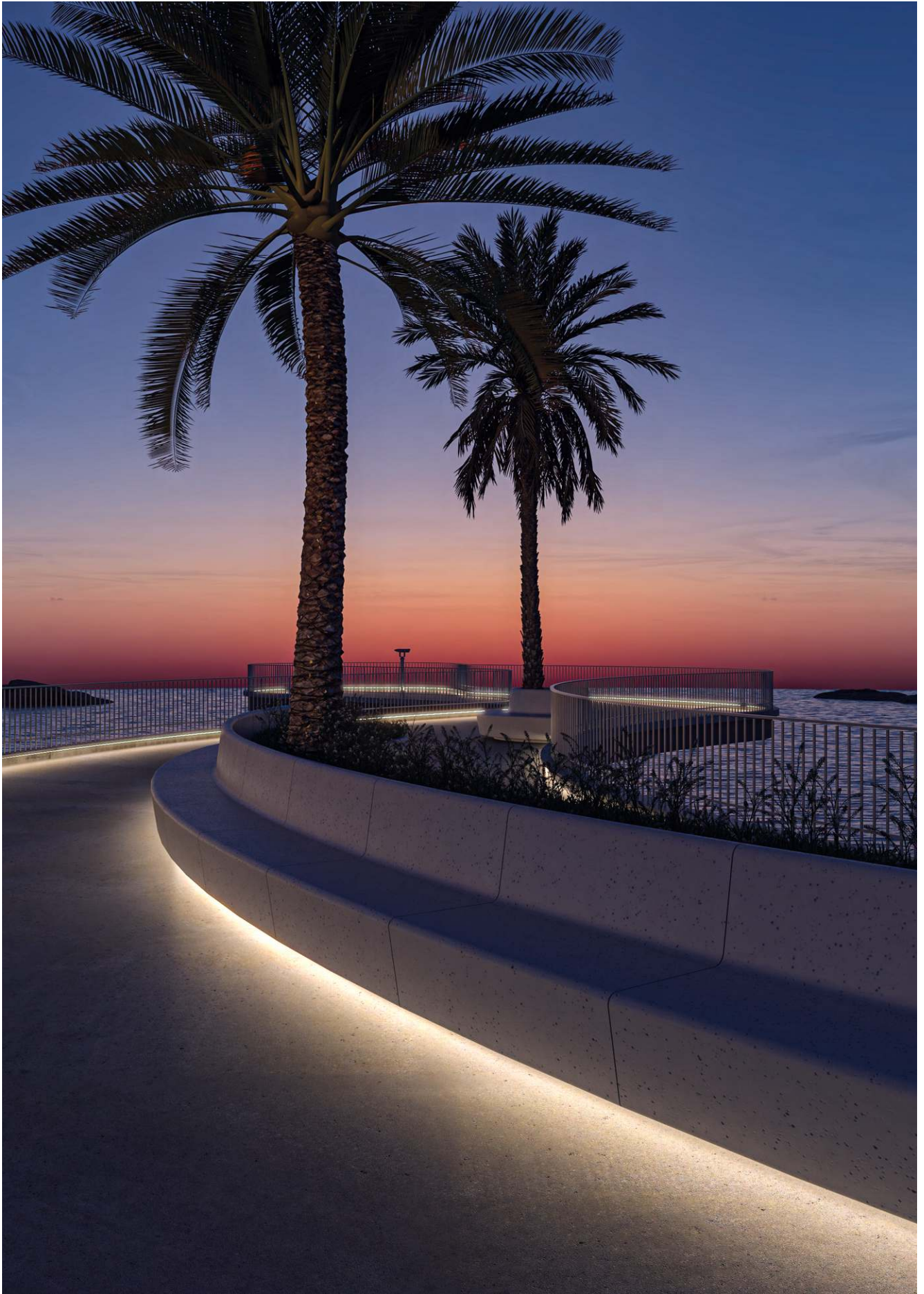
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Collingwood Lighting Limited terms and conditions of trading

1. **Interpretation**
- 1.1 In these Conditions the following words have the following meanings:
 - "Buyer" the person(s), firm or company from whom an order to supply Goods is received by the Company;
 - "Buyer Materials" any documents or other materials and any data or other information provided by the Buyer relating to the Goods;
 - "Company" Collingwood Lighting Limited, a company incorporated in England and Wales (company number 900626) whose registered office is at Brooklands House, Sywell Aerodrome, Sywell, Northampton, NN6 0BT.
 - "Company Materials" any documents or other materials, and any data or other information provided by the Company relating to the Goods;
 - "Conditions" the standard terms and conditions of sale as set out in this document together with any special terms and conditions agreed in writing between the Buyer and the Company;
 - "Contract" any contract between the Company and the Buyer for the sale of Goods;
 - "Delivery Point" the place where delivery of the Goods is to take place under Condition 4.1;
 - "Goods" any goods (or parts thereof) to be supplied to the Buyer by the Company.
- 1.2 In these Conditions: references to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as from time to time amended, consolidated, modified, extended, re-enacted or replaced; references to the masculine include the feminine and the neuter and to the singular include the plural and vice versa as the context requires; and headings will not affect the construction of these Conditions.
2. **Application of terms**
- 2.1 These Conditions apply to all the Company's sales of Goods and any variation to these Conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by a director of the Company.
- 2.2 No terms or conditions endorsed upon, delivered with or contained in the Buyer's purchase order, confirmation of order or other document will form part of the Contract simply as a result of such document being referred to in the Contract.
- 2.3 Each order for Goods by the Buyer from the Company shall be deemed to be an offer by the Buyer to purchase Goods subject to these Conditions.
- 2.4 Orders should be in writing, and should state the Buyer's relevant order number. Verbal orders will be accepted but the Buyer will be responsible for any errors of description or quantity or date of delivery in Goods supplied thereunder.
- 2.5 No order placed by the Buyer shall be deemed to be accepted by the Company until the Company issues a written acknowledgement or (if earlier) the Company delivers the Goods to the Buyer.
- 2.6 The Buyer must ensure that the terms of any order or related document are complete and accurate.
- 2.7 Unless otherwise stated any quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it.
- 2.8 A credit limit applies to every account and will be disclosed on request or will be automatically disclosed if the Buyer's order would cause the credit limit to be exceeded.
3. **Description**
- 3.1 The description of the Goods shall be as set out in the Company's price list.
- 3.2 All descriptive matter and advertising issued by the Company and any descriptions or illustrations contained in the Company's documentation are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They will not form part of this Contract.
- 3.3 The Buyer should always ensure that the Goods ordered are suitable for the intended purpose before commencing installation, bulk production or investment in tooling.
4. **Delivery**
- 4.1 Unless otherwise agreed in writing by the Company delivery of the Goods shall take place at the address detailed in the Buyer's order.
- 4.2 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice.
- 4.3 Subject to the other provisions of these Conditions the Company will not be liable for any loss (including loss of profit), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor will any delay entitle the Buyer to terminate the Contract.
- 4.4 If for any reason the Buyer will not accept delivery of any of the Goods, or the Company is unable to deliver the Goods on time because the Buyer has not provided appropriate instructions, documents, licences or authorisations: risk in the Goods will pass to the Buyer (including loss or damage caused by negligence); the Goods will be deemed to have been delivered; and the Company may store the Goods until delivery whereupon the Buyer will be liable for all related costs and expenses (including without limitation storage and insurance).
- 4.5 The Buyer will provide at its expense at the Delivery Point adequate and appropriate equipment and manual labour for loading the Goods.
- 4.6 The Company may deliver the Goods by instalments and each instalment shall be treated as a separate Contract so that failure to deliver or defect in one or more instalment shall not entitle the Buyer to reject the other instalments.
5. **Non-Delivery**
- 5.1 The quantity of any consignment of Goods as recorded by the Company upon despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Buyer.
- 5.2 The Company shall not be liable for any non-delivery of Goods (even if caused by the Company's negligence) unless written notice is given to the Company within 3 days of the date when the Goods would in the ordinary course of events have been received.
- 5.3 Any liability of the Company for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.
6. **Risk/Title**
- 6.1 The Goods are at the risk of the Buyer from the time of delivery.
- 6.2 Ownership of the Goods shall not pass to the Buyer until the Company has received in full (in cash or cleared funds) all sums due to it from the Buyer on any account.
- 6.3 Until ownership of the Goods has passed to the Buyer, the Buyer must: hold the Goods on a fiduciary basis as the Company's bailee; store the Goods (at no cost to the Company) separately from all other goods in such a way that they remain readily identifiable as the Company's property; not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; maintain the Goods in satisfactory condition insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. (On request the Buyer shall produce the policy of insurance to the Company and hold the proceeds of the insurance referred to in on trust for the Company and not mix them with any other money, nor pay the proceeds into an overdrawn bank account.)
- 6.4 The Buyer may resell the Goods before ownership has passed to it on the following conditions:
 - 6.4.1 any sale shall be effected in the ordinary course of the Buyer's business at full market value; and
 - 6.4.2 any such sale shall be a sale of the Company's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.
- 6.5 If the Buyer resells any of the Goods on a retail basis it will be responsible for complying with all applicable laws and for the provision of proper labels and instructions as required by the Department of Trade and Industry and/or any other authority for the time being empowered to make any requirements as to the sale or installation of such Goods.
- 6.6 The Buyer's right to possession of the Goods shall terminate immediately if:
 - 6.6.1 the Buyer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any relief for insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation except a solvent voluntary liquidation for the purpose of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or a resolution is passed or a petition presented to any court for the winding up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Buyer; or
 - 6.6.2 the Buyer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe/perform any of his/its obligations under the Contract or any other contract between the Company and the Buyer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or the Buyer ceases to trade; or
 - 6.6.3 the Buyer encumbers or in any way charges any of the Goods.
- 6.7 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.
- 6.8 The Buyer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.
7. **Price**
- 7.1 Unless otherwise agreed by the Company in writing (and except in cases of obvious error) the price for the Goods shall be the price set out in the Company's price list as in force at the date of invoice.
- 7.2 Where the Company and the Buyer agree a discount in respect of the Company's price list any such discount will only apply where confirmed by the Company in writing and where payment is received from the Buyer in full within 14 days of it falling due.
- 7.3 If the Buyer is paying for Goods on a "pro-forma" basis (whether due to slow payment or otherwise) no discount to the price stated in the Company's price list will apply notwithstanding any prior arrangement to the contrary unless the discount is confirmed by a director of the Company in writing.
- 7.4 The Company reserves the right, by giving notice to the Buyer to increase the price of the Goods to reflect any increase in the cost to the Company which is due to any factor beyond the control of the Company, any change in delivery dates or quantities specified by the Buyer or any delay caused by the instructions of the Buyer or failure of the Buyer to provide adequate information or instructions.
- 7.5 The price for the Goods shall be exclusive of any value added tax which shall be paid at the rate and in the manner for the time being provided by law.
- 7.6 Carriage will be paid by the Company on Goods bought in accordance with its current conditions for delivery on the UK mainland. Further charges may apply where alternative delivery terms are agreed.
- 7.7 A handling charge of £5.50 will be added to orders with a Goods value of less than the current minimum order value stipulated by the Company's sales office from time to time.
- 7.8 Invoices credited as a result of Buyer error will attract a service charge of 15% if returned within 21 days. Between 22 days and 3 months a charge of 30% will apply.
8. **Payment**
- 8.1 The price for Goods is due within 30 days of the end of the month in which it is invoiced unless specified differently on the invoice. Time for payment shall be of the essence.
- 8.2 No payment shall be deemed to have been received until the Company has received cleared funds.
- 8.3 All payments payable to the Company under the Contract shall become due immediately upon termination of this Contract despite any other provision.
- 8.4 The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Buyer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Buyer.
- 8.5 If the Buyer fails to pay the Company any sum due pursuant to the Contract the Buyer will be liable to pay interest to the Company on such sum from the due date for payment at the annual rate of 5% above the base lending rate published from time to time by the Bank of England, accruing on a daily basis until payment is made, whether before or after any judgment.
9. **Quality**
- 9.1 The Company warrants that (subject to the other provisions of these Conditions) upon delivery, the Goods will be of satisfactory quality within the meaning of the Sale of Goods Act 1979.
- 9.2 The Company shall not be liable for a breach of the warranty in Condition 9.1 unless: the Buyer gives written notice of the defect to the Company, and (if the defect is as a result of damage in transit) to the carrier, within 14 days of delivery; and the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Buyer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Buyer's expense for the examination to take place.
- 9.3 The Company shall not be liable for a breach of the warranty in Condition 9.1 if the Buyer makes any further use of such Goods after giving such notice; or the defect arises because the Buyer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or the Buyer alters or repairs such Goods without the written consent of the Company.
- 9.4 Subject to Conditions 9.2 and 9.3, if any of the Goods do not conform with the warranty in Condition 9.1 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Buyer shall, at the Buyer's expense, return the Goods or the part of such Goods which is defective to the Company.
- 9.5 If the Company complies with Condition 9.4 it shall have no further liability for a breach of the warranty in Condition 9.1 in respect of such Goods.
- 9.6 Where a defect is discovered the Buyer will inform the Company immediately notwithstanding the expiry of the warranty period in Condition 9.2.
10. **Limitation of liability (the buyer's attention is drawn to the provisions of this condition)**
- 10.1 Subject to Condition 9, the following provisions of this Condition 10 set out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) in respect of any breach of these Conditions and any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract.
- 10.2 All terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 10.3 Nothing in these Conditions excludes or limits the liability of the Company for death or personal injury caused by the Company's negligence or for fraudulent misrepresentation.
- 10.4 Subject to Conditions 10.2 and 10.3:
- 10.4.1 the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation or otherwise, arising in connection with the performance or contemplated performance of this Contract shall be limited to the price paid by the Buyer; and
- 10.4.2 the Company shall not be liable to the Buyer for any indirect or consequential loss or damage (whether for loss of profit, loss of business, depletion of goodwill or otherwise), costs, expenses or other claims for consequential compensation (howsoever caused) which arise out of or in connection with the Goods.
- 10.5 The Buyer warrants that any installation of the Goods will be performed by properly trained staff and agrees that it shall be solely responsible for any use to which the Goods are put after delivery.
11. **Intellectual property**
- 11.1 The property and any copyright or other intellectual property rights in any Buyer Materials shall belong to the Buyer and any Company Materials shall, unless otherwise agreed in writing between the Buyer and the Company, belong to the Company, subject only to a licence in favour of the Buyer to use the Company Materials for the purposes of receiving the Goods.
12. **Force majeure**
- 12.1 The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Buyer (without liability to the Buyer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials.
13. **General**
- 13.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.
- 13.2 If any provision or part of a provision of the Contract is found by any court or other body of competent jurisdiction to be illegal, invalid, void, voidable, unenforceable or unreasonable it shall be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.
- 13.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract will not be construed as a waiver of any of its rights under the Contract. Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Buyer will not be deemed a waiver of any subsequent breach or default and will in no way affect the other terms of the Contract.
- 13.4 The parties to this Contract do not intend that any term of this Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
- 13.5 The Buyer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company. The Company may assign the Contract or any part of it to any person, firm or company.
- 13.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by English law and the parties submit to the exclusive jurisdiction of the English courts.





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