collingwood

Essentials

May 2024

Light Your Moment

We believe in helping people light their moments sustainably

by continuously pushing the boundaries of LED lighting technology. We design our products with people's experience at heart, to enhance everyday life, and build a better future. Every occasion matters, we don't make lights, we make moments.

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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.

Silver medal EcoVardis

Methodology built on international sustainability standards, EcoVadis are the worlds largest and most trusted provider to rate our business and provide you with transparency on environmental, social and ethical performance - or sustainability.

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.

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.

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.

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

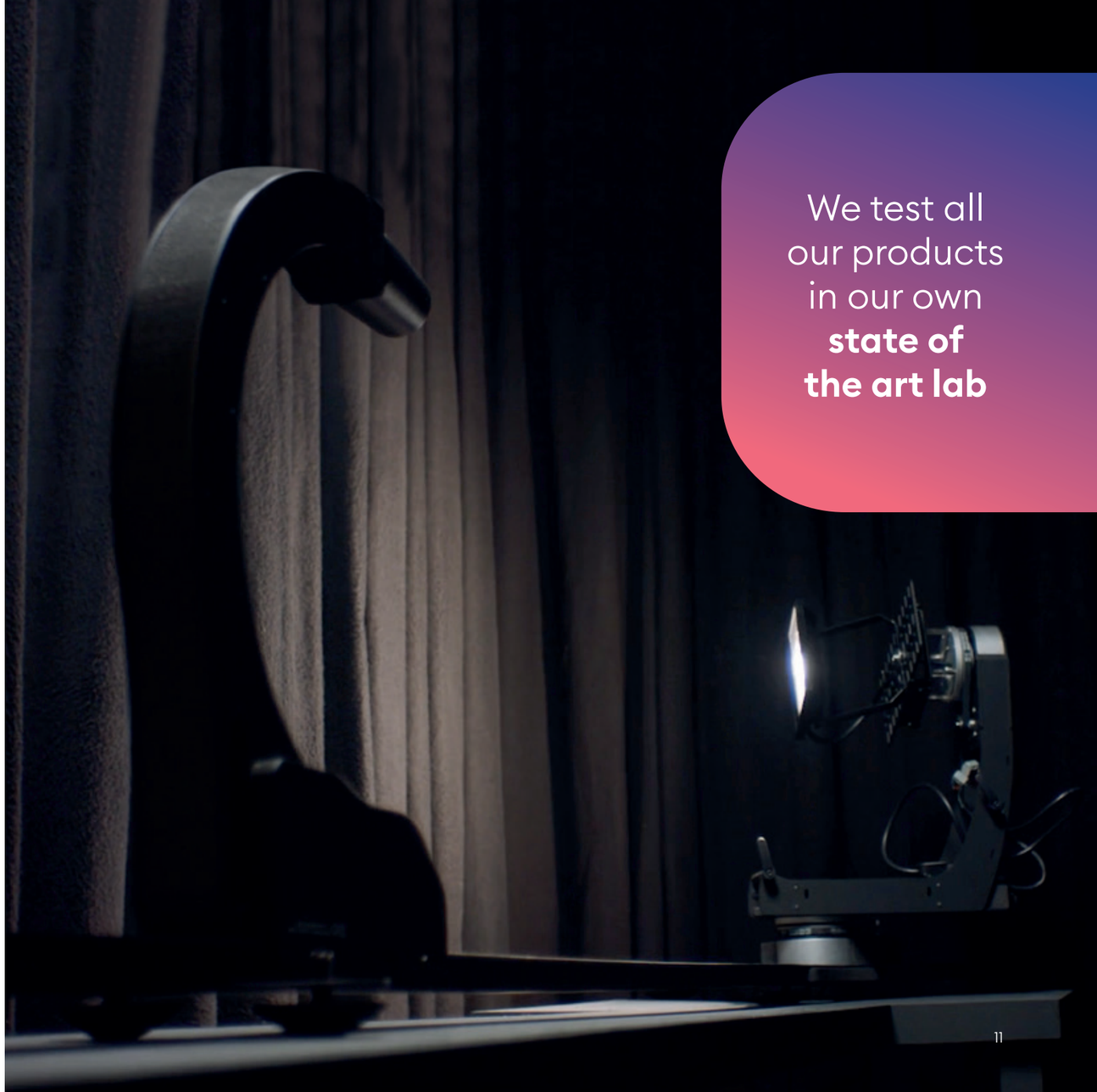
The EDA (Electrical Distributors' Association) is the trade association that represents the interests of wholesale distributors of electro-technical products in the UK. Collingwood are a product affiliate and together we work for the good of the sector.

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.



We test all our products in our own **state of the art lab**

What's new?

Take a look at all of our new additions

We continuously push our product portfolio to make sure you have the best possible lights for your installations, with an emphasis on quality of light and ease of installation.

H2 Sense

PIR Downlight

Pages 22-23

Now available in brushed steel finish. Integral emergency also available.

H2 Deco

Baffled downlight

Pages 24-26

Architectural downlight with baffle for visual comfort

Versa Tile

Suspended linear

Pages 80-82

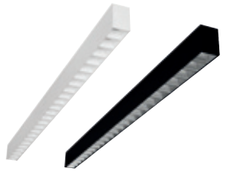
Low profile up/down light which has just a 38mm depth

Linear Cell

Light line

Pages 84-85

Standalone or continous run up to 20 luminaires from a single feed



Uniform Versa

UGR 19
Classroom solution

Page 90

Wattage switchable linear with outstanding lit effect. Versa plug n play kits for emergency and sensor options.

Caiman Versa

Anti-Corrosive

Pages 150-155

Wattage & colour switchable anti-corrosives with unique installation feature

Hydra

Modular Bollard

Pages 117-121

Interchangeable heads to make for easy stocking. Wattage & colour switchable.

K3

Industrial floodlight

Pages 192-194

9,500 - 44,000 lumen output suitable for coastal applications

Residential downlights

Residential

Residential downlights

H2 Lite, H2 Pro Extreme CSP and H4 Lite

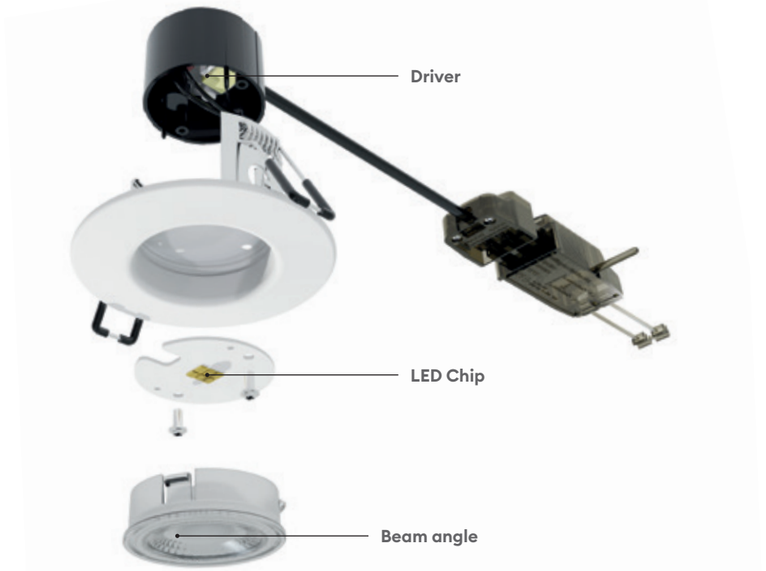
Upgradeable, Re-useable, lights that lasts

With approximately 5 million units supplied to a wide range of customers, H2 Lite, H4 Lite and H2 Pro Extreme have a proven history of excellent performance, fast installation, and lifetime you can trust.

Our next generation design builds on this further to offer the below new feature and benefits:

- Optimised design with no waste, minimizing the use of materials and impact on the planet.
- FSC certificated packaging ensure minimal waste.
- NEW unique interchangeable design which allows the driver to easily be replaced should it fail.

Backed by an industry leading warranties and should you have an issue, replacement drivers are stocked in the UK for quick after sales support.



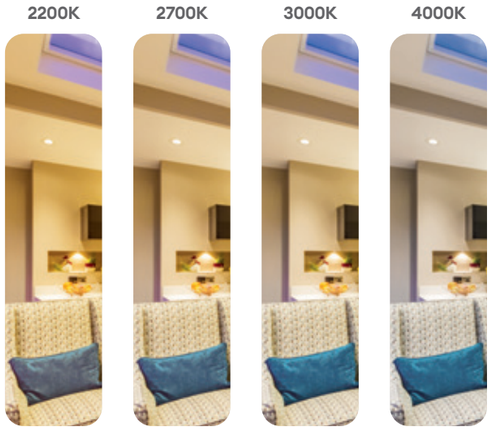
Colour switchable product

One light, three or four colour temperatures

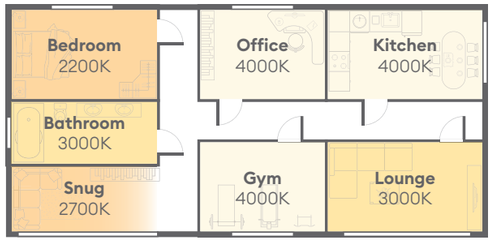
Always have the correct product on hand.
Our range of colour switchable downlights are available to stock in 3 or 4 colour temperatures in 1 product (2200K, 2700K, 3000K & 4000K).

Advantages

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



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



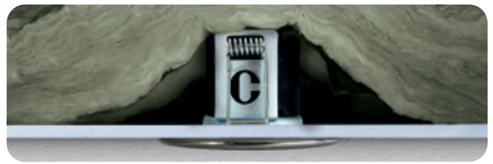
Insulation coverable

Install the product directly under insulation

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

Advantages

- Quick & easy to install.
- No need to buy insulation protectors.



I-joist and metal web approved

Perfect for every installation

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

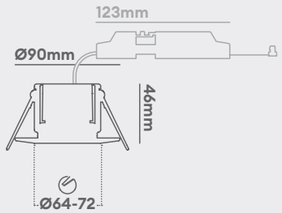
Residential downlights

Patented Easy-fit connector for first & second fix

Shallow depth 46mm

Insulation coverable

Guarantee	10 years
Connector	Easy-fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	No
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	64-72
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



H2 Lite fixed

TRIAC Dimmable, fire-rated downlight with integrated bezel & Easy-fit connector

10 year guarantee

Multipack
8 x H2 Lite
White bezel included

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
DLT388BLK5530	Matt black	Single unit	4.3W	3000K	55°	460	107	
DLT388BLK5540	Matt black	Single unit	4.3W	4000K	55°	490	114	
DLT388BS5530	Brushed steel	Single unit	4.3W	3000K	55°	460	107	
DLT388BS5540	Brushed steel	Single unit	4.3W	4000K	55°	490	114	D
DLT388MW5530	Matt white	Single unit	4.3W	3000K	55°	460	107	
DLT388MW5540	Matt white	Single unit	4.3W	4000K	55°	490	114	
DLT388MW5530A8	Matt white	Multipack x 8	4.3W	3000K	55°	460	107	

H4 Lite adjustable

TRIAC Dimmable, adjustable fire-rated downlight with integrated bezel & Easy-fit connector

10 year guarantee

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
DL490BLK5530	Matt black	4.3W	3000K	55°	460	107	
DL490BLK5540	Matt black	4.3W	4000K	55°	490	114	
DL490BS5530	Brushed steel	4.3W	3000K	55°	460	107	D
DL490BS5540	Brushed steel	4.3W	4000K	55°	490	114	
DL490MW5530	Matt white	4.3W	3000K	55°	460	107	
DL490MW5540	Matt white	4.3W	4000K	55°	490	114	

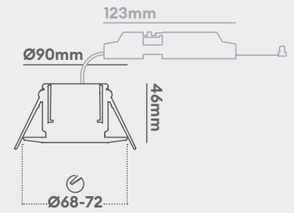
Residential downlights

Patented Easy-fit connector for first & second fix

20° Adjustable with a 20° tilt

Insulation coverable

Guarantee	10 years
Connector	Easy-fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	20°
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	68-72
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



Residential

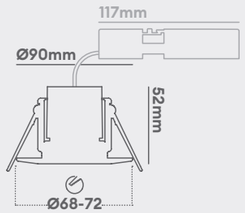
Residential downlights

Colour switchable between 2700K, 3000K and 4000K

Wattage switchable between 4.2W & 6W

Switches allow you to choose options at installation

Guarantee	7 years
Connector	2 part first fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	No
CRI	CRI>80
Input	220-240V AC
SELV	No
Building regulations	Part B, C, E, P & L
Cut-out size	68-72
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



H2 Lite CSP

Colour & Wattage Switchable using switches under bezel

7 year guarantee

Multipack
8 x H2 Lite CSP
White bezel included

Switches under bezel

Click Flow compatible

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
DLT551500A	White bezel included	Single unit	4.2W	2700K	55°	450	107	D
				3000K	55°	520	124	
				4000K	55°	500	119	
			6W	2700K	55°	625	104	
				3000K	55°	720	120	
				4000K	55°	700	117	
DLT551500A8	White bezel included	Multipack x 8	4.2W	2700K	55°	450	107	
				3000K	55°	520	124	
				4000K	55°	500	119	
			6W	2700K	55°	625	104	
				3000K	55°	720	120	
				4000K	55°	700	117	

Bezels & converter plates

Change the look without having to change the fitting with our twist and lock bezel options. Slimline, low profile, easy to fit and change. The converter plate allows downlights to be retrofitted into locations, where downlights were previously installed.

Twist & lock
interchangeable bezel

Type	Antique brass	Matt black	Brushed steel	Matt white	Gloss white	Polished gold	Silver
Round bezel							
Square bezel	-		-		-		
Converter plate	-					-	-

Product Code	Type	Finish	Cut out	Compatible with
RB359AB	Round bezel	Antique brass	-	H2 Lite CSP
RB359BLK	Round bezel	Matt black	-	H2 Lite CSP
RB359BS	Round bezel	Brushed steel	-	H2 Lite CSP
RB359MW	Round bezel	Matt white	-	H2 Lite CSP
RB359PG	Round bezel	Polished gold	-	H2 Lite CSP
RB359SIL	Round bezel	Silver	-	H2 Lite CSP
RB359WH	Round bezel	Gloss white	-	H2 Lite CSP
SQB360BLK	Square bezel	Matt black	-	H2 Lite CSP
SQB360MW	Square bezel	Matt white	-	H2 Lite CSP
SQB360PG	Square bezel	Polished gold	-	H2 Lite CSP
SQB360SIL	Square bezel	Silver	-	H2 Lite CSP
DLCONVERT70BS	Converter plate	Brushed steel	Ø63-150mm	Round bezels
DLCONVERT70MW	Converter plate	Matt white	Ø70-150mm	Round bezels
DLCVT110BLK	Converter plate	Matt black	Ø72-95mm	Round bezels
DLCVT110BS	Converter plate	Brushed steel	Ø72-95mm	Round bezels
DLCVT110MW	Converter plate	Matt white	Ø72-95mm	Round bezels
DLCVT110WH	Converter plate	Gloss white	Ø72-95mm	Round bezels

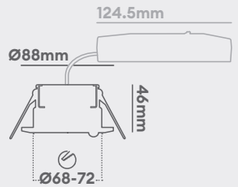
Residential downlights

Colour switchable between 2700K, 3000K and 4000K

PIR light for switching lights OFF that keep getting left ON

112lm/W **High efficacy up to 113lm/W**

Warranty	5 years
Connector	Integrated terminals, loop-in/ loop-out
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	No
Tiltable	No
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	68-72
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



H2 Sense

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

Integral **PIR**

200W **Switch load**
Control up to 30 other H2 Sense products

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
DLSENSE	Bezel sold separately	6W	2700K	50°	600	100	
			3000K	50°	650	108	E
			4000K	50°	675	113	

H2 Sense bezel options

Choose between white or black, standard or PIR bezel with our twist and lock bezel options.

Twist & lock
interchangeable bezel

	DLSENBBEZ	DLSENBBEZP	DLSENSBEZ	DLSENSBEZP	DLSENWBEZ	DLSENWBEZP
Accessory on it's own						
Accessory on product						

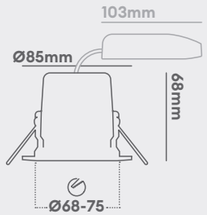
Product Code	Description	Compatible with
DLSENBBEZ	H2 Sense Black Bezel	H2 Sense
DLSENBBEZP	H2 Sense Black PIR Bezel	H2 Sense
DLSENSBEZ	H2 Sense Brushed Steel Bezel	H2 Sense
DLSENSBEZP	H2 Sense Brushed Steel PIR Bezel	H2 Sense
DLSENWBEZ	H2 Sense White Bezel	H2 Sense
DLSENWBEZP	H2 Sense White PIR Bezel	H2 Sense

Product Code	Description	Compatible with
LEDEP14	Emergency Converter 2.5W for H2 Sense. Suitable for stand Alone PIR and plain bezel luminaires	H2 Sense
LEDEP15	Emergency Converter 2.5W for H2 Sense. Suitable for primary switching PIR H2 Sense luminaires only	H2 Sense

Residential downlights

- 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

Warranty	5 years
Connector	Loop in / Loop out
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	No
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	68-75
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



H2 Deco CSP

Wattage & CCT Switchable Architectural Downlight

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
H2D1BLKBLK	Black Bezel	6.5W	2200K	40°	500	77	
			2700K	40°	550	85	
			3000K	40°	600	92	
			4000K	40°	650	100	E
		10W	2200K	40°	650	65	
			2700K	40°	750	75	
			3000K	40°	850	85	
			4000K	40°	900	90	

H2 Deco CSP

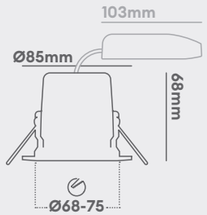
Wattage & CCT Switchable Architectural Downlight

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
H2D1BLKWHI	White Bezel	6.5W	2200K	40°	500	77	
			2700K	40°	550	85	
			3000K	40°	600	92	
			4000K	40°	650	100	E
		10W	2200K	40°	650	65	
			2700K	40°	750	75	
			3000K	40°	850	85	
			4000K	40°	900	90	

Residential downlights

- 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

Warranty	5 years
Connector	Loop in / Loop out
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	No
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	68-75
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



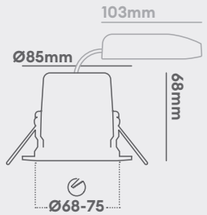
Residential

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

Warranty	5 years
Connector	Loop in / Loop out
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	No
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	68-75
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



H2 Deco CSP

Wattage & CCT Switchable Architectural Downlight

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
H2D1WHIWHI	White Bezel	6.5W	2200K	40°	550	85	E
			2700K	40°	600	92	
			3000K	40°	650	100	
			4000K	40°	700	108	
		10W	2200K	40°	750	75	
			2700K	40°	900	90	
			3000K	40°	950	95	
			4000K	40°	1000	100	

H2 Pro Extreme CSP

IP65 (above+below) downlight suitable for installing outdoor in building soffits and canopies

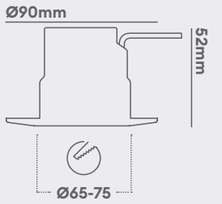
Product code	Finish	W	CCT	∠	lm	lm/W	Energy
H2EXT1A	Anthracite grey RAL7016	5W	2200K	40°	480	96	
			2700K	40°	570	114	
			3000K	40°	560	112	
H2EXT1B	Black	5W	2200K	40°	480	96	
			2700K	40°	570	114	D
			3000K	40°	560	112	
H2EXT1W	White	5W	2200K	40°	480	96	
			2700K	40°	570	114	
			3000K	40°	560	112	

IP65 from above and below for total protection

Suitable for use in coastal applications

New 2200K to minimise effects of blue light

Warranty	4 years
Connector	Flying lead
IP rating	IP65 (from below and above)
Bathroom zone	1 (ceiling only)
Dimmable	Yes (Mains)
Tiltable	No
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part C, P & L
Cut-out size	65-75
Insulation coverable	No
Ceiling joist approved	No



Strip lights

Strip lights

Strip lights

Standard strip range

Our standard LED strip utilises constant voltage, making it the perfect solution for shorter distances as there will be no loss of light output up to 5m.

Choose from:

- 2 IP ratings (IP20 & IP44)
- 2 wattages (4.8W & 9.6W)
- 3 colour temperatures
- (2700K, 3000K and 4000K)
- Max run up to 5m
- Bespoke lengths, perfect for specific installations

50m reel packaging

We offer 50m reels of LED strip in an easy to dispense packaging. Simply pull out as much LED strip as the customer needs and cut at a cut-point.

We offer the 50m reel packaging with the following LED strip:

- LSV02 (IP20, 4.8W)
- LSV05 (IP20, 9.6W)

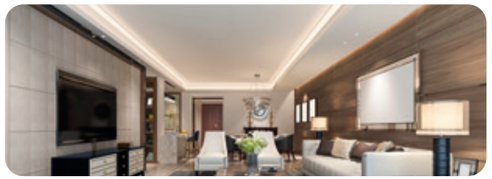
Easy installation

The new LSK connector series gives an invisible and secure option to join and power strip simply using a pair of pliers, avoiding the need to solder.

LSP strip

High Lumen output

LSP has a nearly unprecedented lumen output of approx. 2000lm/m. This allows you to use LSP as the primary light source in a room, and as it can easily be dimmed with the correct driver, gives you full flexibility to tailor the lighting to your current need.



238 chips per metre

With nearly twice as many LED chips as standard LED strip, LSP gives an incredibly even light, and will appear “dotless” in most profiles, avoiding unsightly spotting.

LSP

Standard

High efficacy

With up to 160 lumens per watt, LSP is our most efficient strip to date, and one of the best in the market. It is also fully compliant with upcoming BEIS legislation.

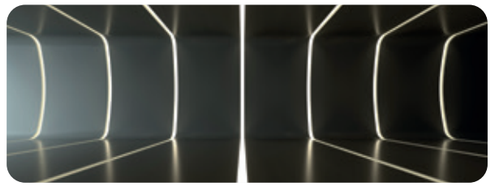
160lm/W

Neon strip

Side Vs Top bending

Side bending strip is ideal for use alongside the creation of cylindrical shapes within indoor and outdoor applications. For example, around water features, bars and columns.

Top bending strip is ideal for use in the creation of rounded corners in architectural and landscape features. Long linear light patterns in creating secondary lit effects is an effective use of top bending strip.



IP67

Ideal for use in outdoor areas making it the perfect choice for landscapes and wet environments.

IK08

We’ve made out neon strip durable to withstand tough environments making it perfect for use in landscapes.

Strip lights

2000lm **Bright enough to be the main, or primary, source of light**

160lm/W **High efficiency up to 160 lumens per watt**

Dotless light in profile

Guarantee	5 years
IP rating	IP20
Wattage	14W/m
CSP Switchable	Single CCT
Bespoke lengths	Yes
Maximum running length	5 m
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED liftime	L70 54,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM4

5m/29.4mm

10mm

LSP

LED Strip Primary, 14W/m, IP20, 5m

Use in Drop Ceilings

Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSP195027	5m reel	14W/m	2700K	120°	1960	140	651	E
LSP205030	5m reel	14W/m	3000K	120°	2000	143	664	E
LSP225040	5m reel	14W/m	4000K	120°	2240	160	744	D

*Drivers sold seperately

Product code	Driver installation
PSMDIP10024	Mains dimmable up to 5mtrs
PSIP15024	On/off up to 10mtrs
PSIP25024	Dimmable with PDCINT1-10v up to 15mtrs

Strip lights

4.8W/m **Ideal for accent lighting with 4.8W/m**

IP20 **Ideal for living room and hallways with IP20 rating**

BESPOKE **Bespoke lengths available**

Guarantee	3 years
IP rating	IP20
Wattage	4.8W/m
CSP Switchable	Single CCT
Bespoke lengths	Yes
Maximum running length	5 m
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED liftime	L70 30,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM5

5m/100mm

8mm

LSV02

Constant voltage, self-adhesive, flexible IP20 strip

Use in Coving

Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSV0227050	5m reel	4.8W/m	2700K	120°	450	94	151	
LSV0227500	50m reel	4.8W/m	2700K	120°	450	94	151	
LSV0230050	5m reel	4.8W/m	3000K	120°	460	96	154	
LSV0230500	50m reel	4.8W/m	3000K	120°	460	96	154	
LSV0240050	5m reel	4.8W/m	4000K	120°	520	108	175	
LSV0240500	50m reel	4.8W/m	4000K	120°	520	108	175	

*Drivers sold seperately

Product code	Driver installation
PSMD3024	Mains dimmable up to 5mtrs
LSD6024	On/off up to 10mtrs in parallel
PSMDIP10024	Dimmable with PDCINT1-10V up to 15mtrs

LSV05

Constant voltage, self-adhesive, flexible IP20 strip

Use in Lounge

Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSV0527050	5m reel	9.6W/m	2700K	120°	900	94	302	
LSV0527500	50m reel	9.6W/m	2700K	120°	900	94	302	
LSV0530050	5m reel	9.6W/m	3000K	120°	930	97	312	
LSV0530500	50m reel	9.6W/m	3000K	120°	930	97	312	
LSV0540050	5m reel	9.6W/m	4000K	120°	1040	108	349	
LSV0540500	50m reel	9.6W/m	4000K	120°	1040	108	349	

*Drivers sold seperately

Product code	Driver installation
LSD6024	On/off up to 5mtrs
PSMDIP10024	Mains dimmable up to 10mtrs
PSIP25024	Dimmable with PDCINT1-10V up to 20mtrs

Strip lights

9.6W/m **Ideal for atmospheric lighting with 9.6W/m**

IP20 **Ideal for living room and hallways with IP20 rating**

BESPOKE **Bespoke lengths available**

Guarantee	3 years
IP rating	IP20
Wattage	9.6W/m
CSP Switchable	Single CCT
Bespoke lengths	Yes
Maximum running length	5 m
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED liftime	L70 30,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM5

5m/50mm

8mm

Strip lights

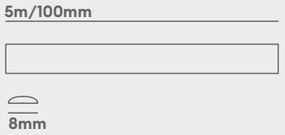
LSV42

Constant voltage, self-adhesive, flexible IP44 strip

Use in Kitchen

- **4.8W/m** — Ideal for accent lighting with 4.8W/m
- **IP44** — Ideal for kitchen and bathroom with IP44 rating
- **BESPOKE** — Bespoke lengths available

Guarantee	3 years
IP rating	IP44
Wattage	4.8W/m
CSP Switchable	Single CCT
Bespoke lengths	Yes
Maximum running length	5 m
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED liftime	L70 30,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM5



Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSV4227050	5m reel	4.8W/m	2700K	120°	410	86	129	
LSV4230050	5m reel	4.8W/m	3000K	120°	425	89	134	
LSV4240050	5m reel	4.8W/m	4000K	120°	480	100	151	

*Drivers sold seperately

Product code	Driver installation
PSMD3024	Mains dimmable up to 5mtrs
LSD6024	On/off up to 10mtrs In parallel
PSMDIP10024	Mains dimmable up to 20mtrs

Build your LSV product code

Bespoke lengths

Use the matrix below to build the product code for your LED strip.

1	2	3	4	5	6
LS	**V**	**0**	**2**	**27**	**010**
		4	5	30	020
				40	030
					040
					050

1 Product

LS	LED strip

2 Strip type

V	Constant voltage (Up to 5m lengths)

3 IP rating

0	IP20
4	IP44

4 Wattage

2	4.8W
5	9.6W

5 Colour temperature

27	2700K
30	3000K
40	4000K

6 Length

010	1m
020	2m
030	3m
⋮	
050	5m

LSNS73

6.5 W/m, IP67, 24V constant voltage, side bend, waterproof flexible neon strip

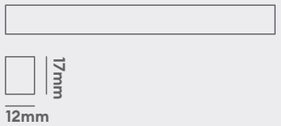
- 6.5W/m — Ideal for accent lighting with 6.5W/m
- IP67 — Ideal for wet environments with IP67 rating
- Side bend — Side bending strip

Use
Outdoors

Guarantee	5 years
IP rating	IP67
Wattage	6.5W/m
CSP Switchable	Single CCT
Bespoke lengths	No
Maximum running length	10 m
Self-adhesive backing	No
Dimmable option	Driver dependent
LED liftime	L70 60,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM3
Electric class	3

Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSNS7327030	3m reel	6.5W/m	2700K	120°	290	45	79	
LSNS7327050	5m reel	6.5W/m	2700K	120°	290	45	79	
LSNS7327100	10m reel	6.5W/m	2700K	120°	290	45	79	
LSNS7330030	3m reel	6.5W/m	3000K	120°	310	47	82	
LSNS7330050	5m reel	6.5W/m	3000K	120°	310	47	82	
LSNS7330100	10m reel	6.5W/m	3000K	120°	310	47	82	
LSNS7340030	3m reel	6.5W/m	4000K	120°	315	48	85	
LSNS7340050	5m reel	6.5W/m	4000K	120°	315	48	85	
LSNS7340100	10m reel	6.5W/m	4000K	120°	315	48	85	

3m,5m,10m/50mm



LSNS75

9.6 W/m, IP67, 24V constant voltage, side bend, waterproof flexible neon strip

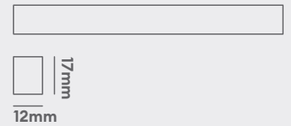
Use
Outdoors

Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSNS7527030	3m reel	9.6W/m	2700K	120°	450	47	131	
LSNS7527050	5m reel	9.6W/m	2700K	120°	450	47	131	
LSNS7530030	3m reel	9.6W/m	3000K	120°	460	48	135	
LSNS7530050	5m reel	9.6W/m	3000K	120°	460	48	135	
LSNS7540030	3m reel	9.6W/m	4000K	120°	470	49	137	
LSNS7540050	5m reel	9.6W/m	4000K	120°	470	49	137	

- 9.6W/m — Ideal for atmospheric light with 9.6W/m
- IP67 — Ideal for wet environments with IP67 rating
- Side bend — Side bending strip

Guarantee	5 years
IP rating	IP67
Wattage	9.6W/m
CSP Switchable	Single CCT
Bespoke lengths	No
Maximum running length	5 m
Self-adhesive backing	No
Dimmable option	Driver dependent
LED liftime	L70 60,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM3
Electric class	3

3m,5m/50mm



Strip lights

- 6.5W/m — Ideal for accent lighting with 6.5W/m
- IP67 — Ideal for wet environments with IP67 rating
- Top bend — Top bending strip

LSNT73

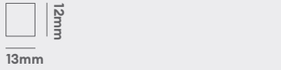
6.5 W/m, IP67, 24V constant voltage, top bend, waterproof flexible neon strip

Use
Outdoors

Guarantee	5 years
IP rating	IP67
Wattage	6.5W/m
CSP Switchable	Single CCT
Bespoke lengths	No
Maximum running length	10 m
Self-adhesive backing	No
Dimmable option	Driver dependent
LED liftime	L70 60,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM3
Electric class	3

Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSNT7327030	3m reel	6.5W/m	2700K	120°	510	78	152	
LSNT7327050	5m reel	6.5W/m	2700K	120°	510	78	152	
LSNT7327100	10m reel	6.5W/m	2700K	120°	510	78	152	
LSNT7330030	3m reel	6.5W/m	3000K	120°	520	80	156	
LSNT7330050	5m reel	6.5W/m	3000K	120°	520	80	156	
LSNT7330100	10m reel	6.5W/m	3000K	120°	520	80	156	
LSNT7340030	3m reel	6.5W/m	4000K	120°	530	81	159	
LSNT7340050	5m reel	6.5W/m	4000K	120°	530	81	159	
LSNT7340100	10m reel	6.5W/m	4000K	120°	530	81	159	

3m,5m,10m/50mm



LSNT75

9.6 W/m, IP67, 24V constant voltage, top bend, waterproof flexible neon strip

Use
Outdoors

Product code	Reel length	W	CCT	∠	lm	lm/W	lx at 1m	Energy
LSNT7527030	3m reel	9.6W/m	2700K	120°	770	80	224	
LSNT7527050	5m reel	9.6W/m	2700K	120°	770	80	224	
LSNT7530030	3m reel	9.6W/m	3000K	120°	780	81	227	
LSNT7530050	5m reel	9.6W/m	3000K	120°	780	81	227	
LSNT7540030	3m reel	9.6W/m	4000K	120°	792	82	230	
LSNT7540050	5m reel	9.6W/m	4000K	120°	792	82	230	

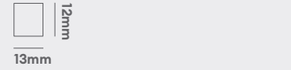
Strip lights

Strip lights

- 9.6W/m — Ideal for atmospheric light with 9.6W/m
- IP67 — Ideal for wet environments with IP67 rating
- Top bend — Top bending strip

Guarantee	5 years
IP rating	IP67
Wattage	9.6W/m
CSP Switchable	Single CCT
Bespoke lengths	No
Maximum running length	5 m
Self-adhesive backing	No
Dimmable option	Driver dependent
LED liftime	L70 60,000h
CRI	CRI>80
Input	24V DC
SDCM	SDCM3
Electric class	3

3m,5m/50mm



Drivers

Choose the ideal driver

Use the matrix to find the perfect driver for your LED strip

Driver information	PS1524	PS3024B	PSMD3024	LSD6024	PS7524	LSD12024
Driver						
Wattage	15W	30W	30W	60W	75W	120W
IP Rating	IP20	IP20	IP20	IP20	IP20	IP20
Dimmable	1-10V*	1-10V*	Mains	1-10V*	1-10V*	1-10V*

Strip	Maximum strip length per driver					
LSP	≤ 1m	≤ 2.1m	≤ 1.3 - 2.1m	≤ 4.2m	≤ 5.3m	≤ 8.5m
LSV02	≤ 3.1m	≤ 6.2m	≤ 3.8 - 6.2m	≤ 12.5m	≤ 15.6m	≤ 25m
LSV05	≤ 1.5m	≤ 3.1m	≤ 1.9 - 3.1m	≤ 6.2m	≤ 7.8m	≤ 12.5m
LSV42	≤ 3.1m	≤ 6.2m	≤ 3.8 - 6.2m	≤ 12.5m	≤ 15.6m	≤ 25m
LSNS73	≤ 2.3m	≤ 4.6m	≤ 2.8 - 4.6m	≤ 9.2m	≤ 11.5m	≤ 8.5m
LSNS75	≤ 1.5m	≤ 3.1m	≤ 1.9 - 3.1m	≤ 6.2m	≤ 7.8m	≤ 25m
LSNT73	≤ 2.3m	≤ 4.6m	≤ 2.8 - 4.6m	≤ 9.2m	≤ 11.5m	≤ 12.5m
LSNT75	≤ 1.5m	≤ 3.1m	≤ 1.9 - 3.1m	≤ 6.2m	≤ 7.8m	≤ 25m

* Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

PSDIP6024	PSDIP10024	PSMDIP10024	PSDAL20024	PSIP15024	PSIP25024
60W	100W	100W	200W	150W	250W
IP66	IP66	IP66	IP66	IP67	IP67
1-10V	1-10V	Mains	DALI	1-10V*	1-10V*

≤ 4.2m	≤ 7.1m	≤ 7.1m	≤ 14.2m	≤ 10.7m	≤ 17.8m
≤ 12.5m	≤ 20.8m	≤ 20.8m	≤ 20.8m	≤ 15.6m	≤ 26m
≤ 6.2m	≤ 10.4m	≤ 10.4m	≤ 41.6m	≤ 31.2m	≤ 52m
≤ 12.5m	≤ 20.8m	≤ 20.8m	≤ 20.8m	≤ 15.6m	≤ 26m
≤ 9.2m	≤ 15.3m	≤ 15.3m	≤ 30.7m	≤ 23m	≤ 38.4m
≤ 6.2m	≤ 10.4m	≤ 10.4m	≤ 20.8m	≤ 15.6m	≤ 26m
≤ 9.2m	≤ 15.3m	≤ 15.3m	≤ 30.7m	≤ 23m	≤ 38.4m
≤ 6.2m	≤ 10.4m	≤ 10.4m	≤ 20.8m	≤ 15.6m	≤ 26m

For full product specification visit **collingwoodlighting.com**

Connector & profile accessories

Find the ideal connectors for your strip

Use the matrix to find the perfect connectors for your LED strip

Strip to strip

Strip to strip connectors connect one end of the strip directly to another end of strip creating an almost seamless transition from one piece of strip to the next.

Strip to strip with fly-leads

Connect one piece of strip to another with the flexibility of having fly-leads between them.

Fly-leads

Use a connector that adds fly-leads to your strip to connect your strip to a power supply.

End cap

This is needed at the end of neon strip to complete the circuit.

L bend

Perfect for connecting strip directly to strip on a corner.

	LSK2208SS	LSK2208SD	LSK2208FB	LSK2208LB	LSK2210SS	LSK2210SD	LSK2210FB	LSK2210LB	LSNS1217B2P	LSNS1217E2P	LSNS1217L2P	LSNS1217R2P	LSNS1217SSF	LSNS1217SS	LSNS1217EC	LSNT1312B2P	LSNT1312E2P	LSNT1312L2P	LSNT1312R2P	LSNT1312SSF	LSNT1312SS	LSNT1312EC
Connector information																						
Type	Strip to strip	Strip to driver	Flex bend	L bend	Strip to strip	Strip to driver	Flex bend	L bend	150mm fly-lead at bottom	150mm fly-lead at end	150mm fly-lead at left	150mm fly-lead at right	Strip to strip 150mm fly-lead	Strip to strip	End cap	150mm fly-lead at bottom	150mm fly-lead at end	150mm fly-lead at left	150mm fly-lead at right	Strip to strip 150mm fly-lead	Strip to strip	End cap
Flexible tape - Constant voltage																						
LSV02	●	●	●	●																		
LSV05	●	●	●	●																		
LSV42																						
Dotless																						
LSP					●	●	●	●														
Neon strip																						
LSNS73									●	●	●	●	●	●	●							
LSNS75									●	●	●	●	●	●	●							
LSNT73																●	●	●	●	●	●	●
LSNT75																●	●	●	●	●	●	●

For full product specification visit **collingwoodlighting.com**

Connector & profile accessories

Easily install strip anywhere

Use the matrix to find the perfect profiles for your LED strip

	RP7010	RP7020	RP28010	RP28020	SM7010	SM7020	SM28010	SM28020	LSPLA21314	LSNS1217PPC	LSNS1217PAL	LSNS1217PFL	LSNS1217MPC	LSNS1217MAL	LSNT1312PPC	LSNT1312PAL	LSNT1312PFL	LSNT1312MPC	LSNT1312MAL
Connector information																			
Mount	Recessed	Recessed	Recessed	Recessed	Surface mount	Surface mount	Surface mount	Surface mount	Plaster-in	Surface mount	Surface mount	Surface mount	Surface mount	Surface mount	Surface mount	Surface mount	Surface mount	Surface mount	Surface mount
Type	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Side bending	Clip	Clip	Straight	Straight	Top bending	Clip	Clip
Depth	7mm	7mm	28mm	28mm	7mm	7mm	28mm	28mm	10mm	19mm	28mm	12mm	19mm	28mm	15mm	19mm	14mm	15mm	19mm
Length	1m	2m	1m	2m	1m	2m	1m	2m	2m	1m	1m	500mm	-	-	1m	1m	500mm	-	-
Flexible tape - Constant voltage																			
LSV02	●	●	●	●	●	●	●	●											
LSV05	●	●	●	●	●	●	●	●											
LSV42	●	●	●	●	●	●	●	●											
Dotless																			
LSP	●	●	●	●	●	●	●	●	●										
Neon strip																			
LSNS73										●	●	●	●	●					
LSNS75										●	●	●	●	●					
LSNT73															●	●	●	●	●
LSNT75															●	●	●	●	●

For full product specification visit **collingwoodlighting.com**

Wall lights

Wall lights

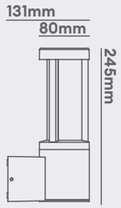
WL012

Diffused window design

- 11W — 11W
- Integral bracket for easy installation
- IP54 — IP54 ideal for framing doorways and entrances

Guarantee	5 years
IP rating	IP54
Wattage	11.0W
CSP Switchable	Single CCT
Dimmable	No
LED lifetime	L70 30,000h
CRI	CRI>80
Input	220-240V AC
Electric class	1

Product code	Finish	W	CCT	∠	lm	lm/W	lx at 1m	Energy
WL012G30	Grey RAL7022	11.0W	3000K	338°	610	55	72	F
WL012X30	Black RAL9011	11.0W	3000K	338°	610	55	72	F



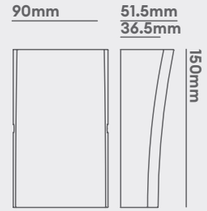
WL013

Creates shadow effects

Product code	Finish	W	CCT	∠	lm	lm/W	lx at 1m	Energy
WL013G30	Grey RAL7022	6.5W	3000K	107°/91°	390	60	99	D
WL013X30	Black RAL9011	6.5W	3000K	107°/91°	390	60	99	D

- 6.5W — 6.5W
- Integral bracket for easy installation
- IP65 — IP65 ideal for outdoor environments

Guarantee	5 years
IP rating	IP65
Wattage	6.5W
CSP Switchable	Single CCT
Dimmable	No
LED lifetime	L70 30,000h
CRI	CRI>80
Input	220-240V AC
Electric class	1



WL014

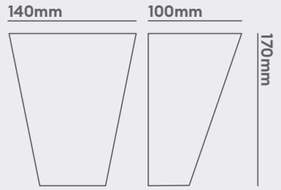
Decorative lit effect

5.7W

Integral bracket for easy installation

IP54 ideal for framing doorways and entrances

Guarantee	5 years
IP rating	IP54
Wattage	5.7W
CSP Switchable	Single CCT
Dimmable	No
LED lifetime	L70 30,000h
CRI	CRI>80
Input	220-240V AC
Electric class	1



Product code	Finish	W	CCT	∠	lm	lm/W	lx at 1m	Energy
WL014G30	Grey RAL7022	5.7W	3000K	22°/26°	350	61	1061	
WL014X30	Black RAL9011	5.7W	3000K	22°/26°	350	61	1061	

WL015

Powerful illumination

Product code	Finish	W	CCT	∠	lm	lm/W	lx at 1m	Energy
WL015G30	Grey RAL7022	13.0W	3000K	88°	1000	77	362	
WL015X30	Black RAL9011	13.0W	3000K	88°	1000	77	362	

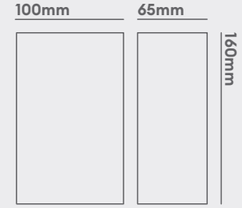
Wall lights

13W

Integral bracket for easy installation

IP65 ideal for outdoor environments

Guarantee	5 years
IP rating	IP65
Wattage	13.0W
CSP Switchable	Single CCT
Dimmable	No
LED lifetime	L70 30,000h
CRI	CRI>80
Input	220-240V AC
Electric class	1



Wall lights

WL060 | WL160

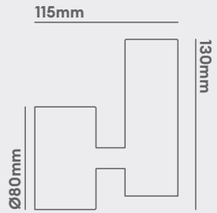
Straight to mains LED halo / flood wall light

2.6W 2.6W

Coastal protected

IP65 IP65 ideal for outdoor environments

Guarantee	7 years
IP rating	IP65
Wattage	2.6W
CSP Switchable	Single CCT
Dimmable	No
LED liftime	L70 70,000h
CRI	CRI>80
Input	220-240V AC
Electric class	1



Product code	Finish	W	CCT	∠	lm	lm/W	lx at 1m	Energy
WL060 NW	Silver	2.6W	4000K	120°	82	32	46	F
WL060 WW	Silver	2.6W	3000K	120°	58	22	26	F
WL160 27	Black	2.6W	2700K	120°	56	22	25	F
WL160 NW	Black	2.6W	4000K	120°	82	32	46	F
WL160 WW	Black	2.6W	3000K	120°	58	22	26	F

Residential floodlights

Floodlights

Residential floodlights

Quick & easy installation bracket

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 and 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

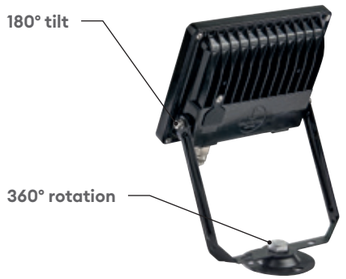
The product has a circular bracket at the end which allows it to be rotated in any direction.
Once installed onto a wall, the light can be pointed in any direction with ease.

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

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.

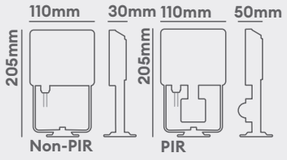
FL01

10W colour switchable floodlight suitable for 6.5m height

- 130lm/W — High efficacy of up to 130lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

Guarantee	5 years
Wattage	10W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Connector	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	1

Product code	Finish	Type	W	CCT	∠	lm	lm/W	lx at 1m	Energy
FL01APCS	Anthracite grey RAL7016	PIR sensor	10W	3000K	120°	1100	110	419	
				4000K	120°	1150	115	502	E
				6500K	120°	1300	130	461	
FL01AXCS	Anthracite grey RAL7016	Standard	10W	3000K	120°	1100	110	419	
				4000K	120°	1150	115	502	E
				6500K	120°	1300	130	461	
FL01BPCS	Black	PIR sensor	10W	3000K	120°	1100	110	419	
				4000K	120°	1150	115	502	E
				6500K	120°	1300	130	461	
FL01BXCS	Black	Standard	10W	3000K	120°	1100	110	419	
				4000K	120°	1150	115	502	E
				6500K	120°	1300	130	461	
FL01WPCS	White RAL9016	PIR sensor	10W	3000K	120°	1100	110	419	
				4000K	120°	1150	115	502	E
				6500K	120°	1300	130	461	
FL01WXCS	White RAL9016	Standard	10W	3000K	120°	1100	110	419	
				4000K	120°	1150	115	502	E
				6500K	120°	1300	130	461	



FL02

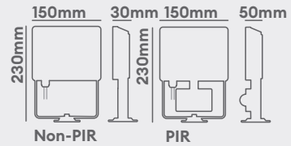
20W colour switchable floodlight suitable for 9m height

Product code	Finish	Type	W	CCT	∠	lm	lm/W	lx at 1m	Energy
FL02APCS	Anthracite grey RAL7016	PIR sensor	20W	3000K	120°	2200	110	832	
				4000K	120°	2400	120	1040	E
				6500K	120°	2400	120	999	
FL02AXCS	Anthracite grey RAL7016	Standard	20W	3000K	120°	2200	110	832	
				4000K	120°	2400	120	1040	E
				6500K	120°	2400	120	999	
FL02BPCS	Black	PIR sensor	20W	3000K	120°	2200	110	832	
				4000K	120°	2400	120	1040	E
				6500K	120°	2400	120	999	
FL02BXCS	Black	Standard	20W	3000K	120°	2200	110	832	
				4000K	120°	2400	120	1040	E
				6500K	120°	2400	120	999	
FL02WPCS	White RAL9016	PIR sensor	20W	3000K	120°	2200	110	832	
				4000K	120°	2400	120	1040	E
				6500K	120°	2400	120	999	
FL02WXCS	White RAL9016	Standard	20W	3000K	120°	2200	110	832	
				4000K	120°	2400	120	1040	E
				6500K	120°	2400	120	999	

Floodlights

- 120lm/W — High efficacy of up to 120lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

Guarantee	5 years
Wattage	20W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Connector	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	1



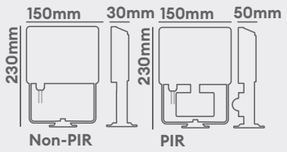
FL03

30W colour switchable floodlight suitable for 11m height

- 130lm/W — High efficacy of up to 130lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

Guarantee	5 years
Wattage	30W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Connector	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	1

Product code	Finish	Type	W	CCT	∠	lm	lm/W	lx at 1m	Energy
FL03APCS	Anthracite grey RAL7016	PIR sensor	30W	3000K	120°	3000	100	1242	
				4000K	120°	3300	110	1448	E
				6500K	120°	3900	130	1407	
FL03AXCS	Anthracite grey RAL7016	Standard	30W	3000K	120°	3000	100	1242	
				4000K	120°	3300	110	1448	E
				6500K	120°	3900	130	1407	
FL03BPCS	Black	PIR sensor	30W	3000K	120°	3000	100	1242	
				4000K	120°	3300	110	1448	E
				6500K	120°	3900	130	1407	
FL03BXCS	Black	Standard	30W	3000K	120°	3000	100	1242	
				4000K	120°	3300	110	1448	E
				6500K	120°	3900	130	1407	
FL03WPCS	White RAL9016	PIR sensor	30W	3000K	120°	3000	100	1242	
				4000K	120°	3300	110	1448	E
				6500K	120°	3900	130	1407	
FL03WXCS	White RAL9016	Standard	30W	3000K	120°	3000	100	1242	
				4000K	120°	3300	110	1448	E
				6500K	120°	3900	130	1407	



FL05

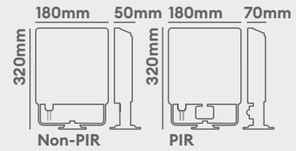
50W colour switchable floodlight suitable for 15m height

Product code	Finish	Type	W	CCT	∠	lm	lm/W	lx at 1m	Energy
FL05APCS	Anthracite grey RAL7016	PIR sensor	50W	3000K	120°	5000	100	2230	
				4000K	120°	5600	112	2449	E
				6500K	120°	5100	102	2230	
FL05AXCS	Anthracite grey RAL7016	Standard	50W	3000K	120°	5000	100	2230	
				4000K	120°	5600	112	2449	E
				6500K	120°	5100	102	2230	
FL05BPCS	Black	PIR sensor	50W	3000K	120°	5000	100	2230	
				4000K	120°	5600	112	2449	E
				6500K	120°	5100	102	2230	
FL05BXCS	Black	Standard	50W	3000K	120°	5000	100	2230	
				4000K	120°	5600	112	2449	E
				6500K	120°	5100	102	2230	
FL05WPCS	White RAL9016	PIR sensor	50W	3000K	120°	5000	100	2230	
				4000K	120°	5600	112	2449	E
				6500K	120°	5100	102	2230	
FL05WXCS	White RAL9016	Standard	50W	3000K	120°	5000	100	2230	
				4000K	120°	5600	112	2449	E
				6500K	120°	5100	102	2230	

Floodlights

- 112lm/W — High efficacy of up to 112lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

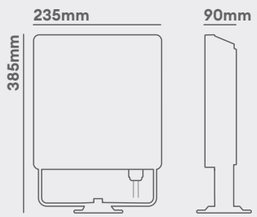
Guarantee	5 years
Wattage	50W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Connector	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	1



Floodlights

- **High efficacy of up to 118lm/W**
- **First fix bracket for quick & easy installation**
- **Ideal for coastal areas**

Guarantee	5 years
Wattage	100W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Connector	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	I



FL10

100W colour switchable floodlight suitable for 20m height

3 in 1
stock less & sell more

Easy install bracket
Install the bracket first and then attach the floodlight

Product code	Finish	Type	W	CCT	∠	lm	lm/W	lx at 1m	Energy
FL10BXCS	Black	Standard	100W	3000K	120°	10250	103	4275	E
				4000K	120°	11810	118	4926	
				6500K	120°	10970	110	4575	

Panels

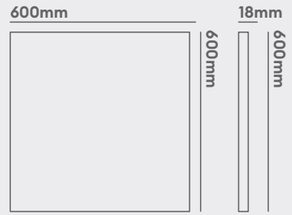
Commercial

UGR16 for office, classroom and retail application

Wattage switchable between 22W, 24W, 25W & 27W

164lm/W Energy efficient up to 164 Llm/W

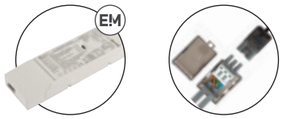
Guarantee	5 years (product), 3 years (emg battery), 2 years (on-site)
Wattage	22W - 24W - 25W - 27W
IP rating	IP40
Dimmable	No
UGR	16
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	2 part first fit connector
Electric class	2



Domino Black

Ultra-low Glare 600x600 Architectural Panel

2 year on site guarantee



Product code	Dimming	Driver required	UGR	∠	W	CCT	lm	lm/w	Energy
DMB66X4K	Dimmable	Use driver PS6501100MA	16	75°	27W	4000K	4350	161	
DMB66N4K	Non-Dimmable	Driver included with lumen output switch	16	75°	22W	4000K	3550	161	
					24W	4000K	3850	160	
					25W	4000K	4100	164	
					27W	4000K	4350	161	

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option
LEDEP10	Emergency pack for converting panels into emergency self-test option

Domino White

Ultra-low Glare 600x600 Architectural Panel

2 year on site guarantee

Product code	Dimming	Driver required	UGR	∠	W	CCT	lm	lm/w	Energy
DMW66X4K	Dimmable	Use driver PS6501100MA	16	75°	27W	4000K	4350	161	
DMW66N4K	Non-Dimmable	Driver included with lumen output switch	16	75°	22W	4000K	3550	161	
					24W	4000K	3850	160	
					25W	4000K	4100	164	
					27W	4000K	4350	161	

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option
LEDEP10	Emergency pack for converting panels into emergency self-test option

Panels

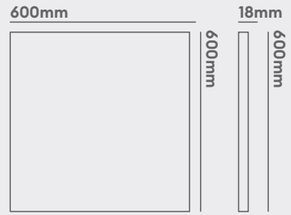
Commercial

UGR16 for office, classroom and retail application

Wattage switchable between 22W, 24W, 25W & 27W

164lm/W Energy efficient up to 164 Llm/W

Guarantee	5 years (product), 3 years (emg battery), 2 years (on-site)
Wattage	22W - 24W - 25W - 27W
IP rating	IP40
Dimmable	No
UGR	16
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	2 part first fit connector
Electric class	2

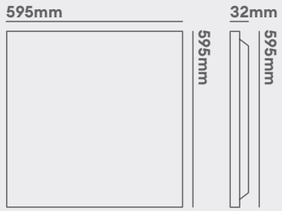


Solis Pro 600x600

Highly Efficient 160 Llm/W IP44 Collingwood Switchable Product

- **Low UGR with UGR19 available**
- **Wattage switchable between 22W, 24W, 26W & 28W**
- **Energy rating B up to 160 Llm/W**

Guarantee	5 years (product), 3 years (emerg battery), 2 years (on-site)
Wattage	22W - 24W - 26W - 28W or 22W - 24W - 26W - 28W
IP rating	IP44
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
UGR	19
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	Integrated terminals, loop-in/ loop-out
Electric class	2



2 year on site guarantee

Product code	W	UGR	Driver	Dimming	CCT	∠	lm	lm/w	Energy
SOLP66N4K	22W 24W 26W 28W	19	Driver included with lumen output switch	On-Off	4000K	90°	3520 3840 4160 4480	160	
SOLP66X4K	28W	19	Driver excluded use PS6501100MA	Dimmable	4000K	90°	4480	160	

*Emergency packs sold seperately

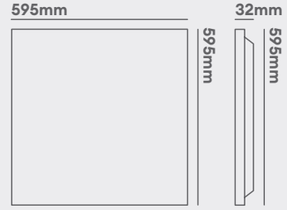
Product code	Description
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option
LEDEP10	Emergency pack for converting panels into emergency self-test option
LEDEP09DA	Emergency pack for converting panel into DALI emergency self-test option

Solis IP65

600 x 600 IP65 LED panel

- **IP65 from below for a high level of dust & water protection**
- **Supplied with T connector for fast installation**
- **Manual test emergency option is available with LEDEP10EM**

Guarantee	5 years (product), 3 years (emg battery)
Wattage	40W
IP rating	IP65 (from below) IP20 (from above)
Dimmable	No
UGR	22
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	Push-fit terminal, loop-in/loop-out
Electric class	2



2 year on site guarantee

Product code	W	UGR	Driver	Dimming	CCT	∠	lm	lm/w	Energy
SOLIP66N4K	40W	UGR22	Driver included	On-Off	4000K	110°	4500	113	

*Emergency packs sold seperately

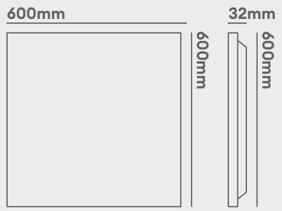
Product code	Description
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option
LEDEP10	Emergency pack for converting panels into emergency self-test option
LEDEP09DA	Emergency pack for converting panel into DALI emergency self-test option

Low UGR with UGR16 available

DALI-2, Push-Dim, & 0-10V options are available

Emergency option is available with LEDEP10

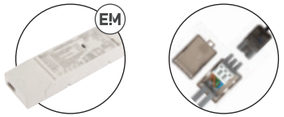
Guarantee	5 years (product), 3 years (emg battery)
Wattage	30W
IP rating	IP40
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
UGR	16
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	2 part first fit connector
Electric class	2



Solis 600 x 600

4000K + 5000K LED panel range

2 year on site guarantee



Product code	W	UGR	Driver	Dimming	CCT	∠°	lm	lm/w	Energy
P2A16S30WA	30W	UGR16	Driver included	On-Off	4000K	90°	3450	115	D
P2A16X30WA	30W	UGR16	PS6501100MA or EUP30T-1HMC-0	DALI2/ 0-10V/ Push-Dim	4000K	90°	3450	115	D
P2A19S40WA	40W	UGR19	Driver included	On-Off	4000K	90°	4600	115	D
P2A19X40WA	40W	UGR19	Driver excluded Use PS6501100MA	Dimmable	4000K	90°	4600	115	D
P2A22S30WA	30W	UGR22	Driver included	On-Off	4000K	110°	3450	115	D
P2A22S40WA	40W	UGR22	Driver included	On-Off	4000K	110°	4600	115	D
P5A19S30WA	30W	UGR19	Driver included	On-Off	5000K	90°	3450	115	D
P5A19X30WA	30W	UGR19	Driver excluded Use PS6501100MA	Dimmable	5000K	90°	3450	115	D

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option
LEDEP10	Emergency pack for converting panels into emergency self-test option
LEDEP09DA	Emergency pack for converting panel into DALI emergency self-test option

Solis 1200 x 300

1200 x 300 LED panel

2 year on site guarantee

Product code	W	UGR	Driver	Dimming	CCT	∠°	lm	lm	Energy
P2B16S30WA	30W	UGR16	Driver included	On-Off	4000K	90°	3450	115	D
P2B16X30WA	30W	UGR16	Driver excluded use PS6501100MA	DALI2/ 0-10V/ Push-Dim	4000K	90°	3450	115	D
P2B16X30WA	30W	UGR16	Driver excluded use EUP30T-1HMC-0	TRIAC Mains Dim	4000K	90°	3450	115	D

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option
LEDEP10	Emergency pack for converting panels into emergency self-test option
LEDEP09DA	Emergency pack for converting panel into DALI emergency self-test option

Panels

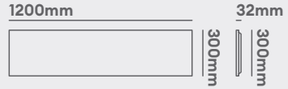
Commercial

Low UGR with UGR16 available

Dimmable with TRIAC mains, Push-Dim, DALI 2 & 0-10V

Emergency option is available with LEDEP10

Guarantee	5 years (product), 3 years (emg battery)
Wattage	30W
IP rating	IP40
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
UGR	16
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	2 part first fit connector
Electric class	2

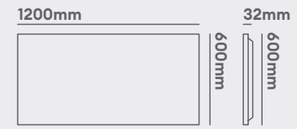


Low UGR with UGR19 available

Dimmable with TRIAC mains, Push-Dim, DALI 2 & 0-10V

Emergency option is available with LEDEP10

Guarantee	5 years (product), 3 years (emg battery)
Wattage	60W
IP rating	IP40
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
UGR	19
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	2 part first fit connector
Electric class	2



Solis 1200 x 600

1200 x 600 LED panel

2 year on site guarantee

Product code	W	UGR	Driver	Dimming	CCT	∠°	lm	lm/w	Energy
P2C19S60WA	60W	UGR19	Driver included	On-Off	4000K	90°	6600	110	D
P2C19X60WA	60W	UGR19	TR28000677	DALI2/ Push-Dim	4000K	90°	6600	110	D
P2C22S60WA	60W	UGR22	Driver included	On-Off	4000K	110°	6900	115	D

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option
LEDEP10	Emergency pack for converting panels into emergency self-test option
LEDEP09DA	Emergency pack for converting panel into DALI emergency self-test option

Panel accessories

Easily install panels anywhere

The surface mount frame is an ideal solution to mount panels in places without suspended ceiling grids, and where recessed mounting is not possible. The suspension kit allows the panel to be suspended from a ceiling, which is ideal for situations where recessed mounting is not possible. The emergency pack turns your panel into an emergency version.

Use the tables below to choose the perfect kit for your installation

Type	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**	**P1SKC**
Wattage switchable driver	**DRV3001050**	**DRV3001050**	**DRV3001050**
Emergency pack	**LEDEP09DA** **LEDEP10** **LEDEP10EM**	**LEDEP09DA** **LEDEP10** **LEDEP10EM**	**LEDEP09DA** **LEDEP10** **LEDEP10EM**

Product Code	Type	Compatible with
P2SMA	Surface mount kit for mounting panels onto solid surfaces	Solis 600x600
P2SMB	Surface mount kit for mounting panels onto solid surfaces	Solis 1200x300
P2SMC	Surface mount kit for mounting panels onto solid surfaces	Solis 1200x600
P1SK	Suspension mount kit for suspending panels from solid surfaces	Solis 600x600 & Solis 1200x300
P1SKC	Suspension mount kit for suspending panels from solid surfaces	Solis 1200x600
DRV3001050	Driver for converting your Solis panel (maximum 40W) to wattage switchable	Solis 600x600, Solis 1200x300
LEDEP09DA	Emergency pack for converting panel into DALI emergency self-test option	Solis 600x600, Solis 1200x300 & Solis 1200x600
LEDEP10	Emergency pack for converting panels into emergency self-test option	Solis 600x600, Solis 1200x300 & Solis 1200x600
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option	Solis 600x600, Solis 1200x300 & Solis 1200x600

Surface & Suspended

Surface & Suspended

Choice of finish

Choose the ideal colour for your installations aesthetic.

Linear (Vera Tile & Linear Cell)

Versa Tile is available in all 3 colour finishes and Linear Cell is available in White and black, making them work with any installations aesthetic.

White

Black

Silver

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.

1200mm
Versa Tile

1500mm
Linear Cell

Shallow depth (Versa Tile & Linear Cell)

Designed to have a shallow depth for an architectural look.

38mm

Versa Tile
Shallow depth of 38mm

50mm

Linear Cell
Shallow width of 50mm

Choice of lit effect (Versa Tile & Linear Cell)

Choose between Versa Tile and Linear Cell to create the ideal lit effect for your installation.

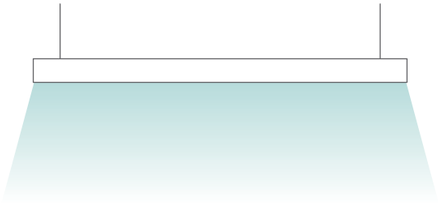
Direction of light

Versa Tile

Up-down light (75% DLOR, 25% ULOR) for a decorative lit effect on your ceiling.

Linear Cell

Downward lit effect (100% DLOR).



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.

Versa Box (Versa Tile)

The Versa Box is a uniquely design compartment to house all of the components at either end of the Versa Tile. Through-wired, 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.

Versa Tile White

UGR19 architectural linear suitable for surface, suspension or wall mount

Slim depth of just 38mm

UGR19 for low glare

75% down / 25% up ratio uses light efficiently

Guarantee	7 years (product), 5 years (emerg battery)
Wattage	45W
IP rating	IP20
IK rating	IK02
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L80 54,000h
Emergency version available	Yes, Self-Test
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	0°C - 40°C
Electric class	1

2 year on site guarantee

Connector kit **VTWCON***

Wall mount kit **VTWWALL***

*By custom request, please contact our sales team on 01604 495151

Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Energy
VTW1D	Matt white RAL9003	DALI-2 dimmable	45W	4000K	80	5500	120	D
VTW1DEM	Matt white RAL9003	Emergency DALI-2 dimmable	45W	4000K	80	5500	120	D
VTW1DP	Matt white RAL9003	DALI-2 Dimmable PIR Sensor	45W	4000K	80	5500	120	D
VTW1DPEM	Matt white RAL9003	Emergency DALI-2 Dimmable PIR Sensor	45W	4000K	80	5500	120	D
VTW1N	Matt white RAL9003	Standard	45W	4000K	80	5500	120	D
VTW1NEM	Matt white RAL9003	Emergency	45W	4000K	80	5500	120	D
VTW1NP	Matt white RAL9003	PIR sensor	45W	4000K	80	5500	120	D
VTW1NPEM	Matt white RAL9003	Emergency	45W	4000K	80	5500	120	D

Versa Tile Black

UGR19 architectural linear suitable for surface, suspension or wall mount

2 year on site guarantee

Connector kit **VTBCON***

Wall mount kit **VTBWALL***

*By custom request, please contact our sales team on 01604 495151

Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Energy
VTB1D	Black RAL9005	DALI-2 dimmable	45W	4000K	80	4500	100	D
VTB1DEM	Black RAL9005	Emergency DALI-2 dimmable	45W	4000K	80	4500	100	D
VTB1DP	Black RAL9005	DALI-2 Dimmable PIR Sensor	45W	4000K	80	4500	100	D
VTB1DPEM	Black RAL9005	Emergency DALI-2 Dimmable PIR Sensor	45W	4000K	80	4500	100	D
VTB1N	Black RAL9005	Standard	45W	4000K	80	4500	100	D
VTB1NEM	Black RAL9005	Emergency	45W	4000K	80	4500	100	D
VTB1NP	Black RAL9005	PIR sensor	45W	4000K	80	4500	100	D
VTB1NPEM	Black RAL9005	Emergency	45W	4000K	80	4500	100	D

Surface & Suspended

Slim depth of just 38mm

UGR19 for low glare

75% down / 25% up ratio uses light efficiently

Guarantee	7 years (product), 5 years (emerg battery)
Wattage	45W
IP rating	IP20
IK rating	IK02
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L80 54,000h
Emergency version available	Yes, Self-Test
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	0°C - 40°C
Electric class	1

Commercial

Versa Tile Silver

UGR19 architectural linear suitable for surface, suspension or wall mount

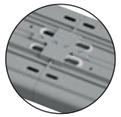
Slim depth of just 38mm

UGR19 for low glare

75% down / 25% up ratio uses light efficiently

2 year on site guarantee

Guarantee	7 years (product), 5 years (emerg battery)
Wattage	45W
IP rating	IP20
IK rating	IK02
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L80 54,000h
Emergency version available	Yes, Self-Test
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	0°C - 40°C
Electric class	1



Connector kit
VTSCON*

Wall mount kit
VTSWALL*

*By custom request, please contact our sales team on 01604 495151

Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Energy
VTS1D	Silver	DALI-2 dimmable	45W	4000K	80	5000	110	D
VTS1DEM	Silver	Emergency DALI-2 dimmable	45W	4000K	80	5000	110	D
VTS1DP	Silver	DALI-2 Dimmable PIR Sensor	45W	4000K	80	5000	110	D
VTS1DPEM	Silver	Emergency DALI-2 Dimmable PIR Sensor	45W	4000K	80	5000	110	D
VTS1N	Silver	Standard	45W	4000K	80	5000	110	D
VTS1NEM	Silver	Emergency	45W	4000K	80	5000	110	D
VTS1NP	Silver	PIR sensor	45W	4000K	80	5000	110	D
VTS1NPEM	Silver	Emergency	45W	4000K	80	5000	110	D

Linear Cell White

Low glare suspended light line luminaire

Colour Switchable between 3000K-3500K-4000K

Contributes to a UGR19 lighting design

Energy efficient up to 130Llm/W

Guarantee	5 years (product), 5 years (emerg battery)
Wattage	38W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 1-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	Yes
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 50°C
Electric class	1

1185mm

50mm

72.5mm

2 year on site guarantee

Connector kit
LCLCONKIT

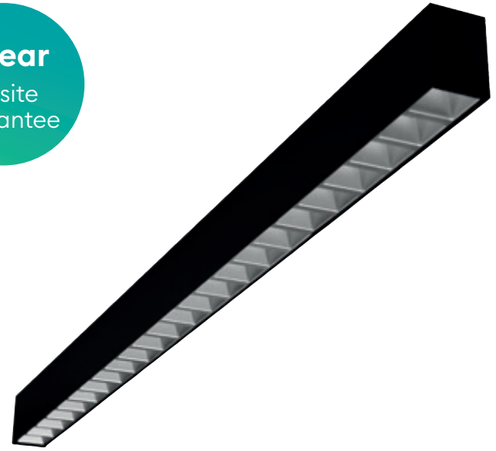
Ceiling Rose kit
LCLW1DCRKIT

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
LCLW1D	White RAL9003	DALI-2 dimmable	38W	3000K	75°	4600	120	
				3500K	75°	5000	130	
				4000K	75°	4800	126	
LCLW1DEM	White RAL9003	Emergency DALI-2 dimmable	38W	3000K	75°	4600	120	
				3500K	75°	5000	130	
				4000K	75°	4800	126	

Linear Cell Black

Low glare suspended light line luminaire

2 year on site guarantee



Connector kit
LCLCONKIT

Ceiling Rose kit
LCLBS1DCRKIT

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
LCLBS1D	Matt black RAL9017	DALI-2 dimmable	38W	3000K	70°	4600	120	
				3500K	70°	5000	130	
				4000K	70°	4800	126	
LCLBS1DEM	Matt black RAL9017	Emergency DALI-2 dimmable	38W	3000K	70°	4600	120	
				3500K	70°	5000	130	
				4000K	70°	4800	126	

Surface & Suspended

Colour Switchable between 3000K-3500K-4000K

Contributes to a UGR19 lighting design

Energy efficient up to 130Llm/W

Guarantee	5 years (product), 5 years (emerg battery)
Wattage	38W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 1-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	Yes
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 50°C
Electric class	1

1185mm

50mm

72.5mm

Commercial

Battens

Commercial

Uniform | 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.

20W | 30W

23W | 35W

26W | 40W

30W | 45W

IP44 & IK08 | IK06

High impact resistance ensures that accidental collisions will not adversely effect the performance of the product. Combine this with IP44 rated allows the product to be used in a wide range of applications

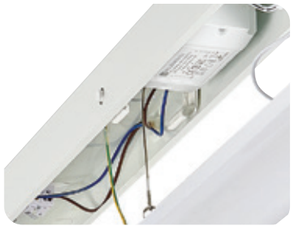
IK08

IP44

Borealis easy installation

Quick release button

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.



Emergency bolt-on & PIR bolt-on sensors

The bolt-on's convert your Uniform linear or Borealis batten into an emergency, dimming or motion sensor. The PIRBOLT allow the user to set up on/off control or PIRBOLTDIM allows two step-dim parameter.

Up to 6m high

Install as high as 6m high.

Quick attachment

Fast 4 minute conversion time.

Easy attachment

M20 interface for easy installation.

LiFePO4 with 2-year guarantee

Long lasting battery.
(Emergency bolt-on only)

On/Off PIR control & daylight switching

Save energy and money.
(PIR bolt-on only)

EMBOLT...

PIRBOLT

PIRBOLTDIM

20mm Cable entry

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

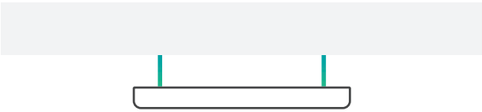
Side cable entry

BESA mounting options

The battens can be mounted either directly on the surface, through the pre-drilled holes on the base of the fitting, or suspended via a hanging kit. The gear tray is can be removed entirely or it can be suspended from the base, whilst you work to mount.

Surface mounted

Suspended



Borealis suspension kit - Product code: **BTSK1**

Uniform CSP suspension kit - Product code: **UNISUS2M**

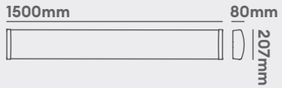
Uniform Versa 5ft

Wattage Switchable UGR19 Linear with plug-in Versabox accessories

2 year on site guarantee

- **Wattage switchable 30W, 35W, 40W & 45W, 4500lm to 6750lm**
- **Ultra-efficient up to 150 Llm/W**
- **UGR19 compliant low glare lighting**

Guarantee	7 years (product), 5 years (battery)
Wattage	30W - 35W - 40W - 45W
IP rating	IP44
IK rating	IK06
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L80 70,000h
Emergency version available	Manual, Self & DALI-2 options
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	1



Product code	Finish	Dimmable	W	CCT	⩘	lm	lm/W	Energy
UNV5D40	White RAL9003	DALI-2 dimmable	30W	4000K	80°	4500	150	
			35W	4000K	80°	5250	150	
			40W	4000K	80°	6000	150	
			45W	4000K	80°	6750	150	
UNV5N40	White RAL9003	Standard non-dimmable	30W	4000K	80°	4500	150	
			35W	4000K	80°	5250	150	
			40W	4000K	80°	6000	150	
			45W	4000K	80°	6750	150	
UNV5NM40	White RAL9003	Microwave sensor non-dimmable	30W	4000K	80°	4500	150	
			35W	4000K	80°	5250	150	
			40W	4000K	80°	6000	150	
			45W	4000K	80°	6750	150	
UNV5V40	White RAL9003	1-10V dimmable	24W	4000K	80°	3600	150	
			30W	4000K	80°	4500	150	
			35W	4000K	80°	5400	150	
			40W	4000K	80°	6000	150	

Replace 'N' at the end of the part code with 'NE' for Emergency, 'NME' for Emergency microwave sensor, 'DE' for Emergency DALI-2 dimmable, and 'VE' for Emergency 0–10V. Plug-in kits are also available as separate accessories.

Uniform 5ft

1500mm Surface Linear

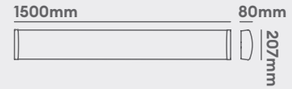
2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

Product code	Finish	Dimmable	Type	W	CCT	⩘	lm	lm/W	Energy
UNL5SD	White RAL9016	DALI-2 Dimmable	-	30W	4000K	120°	4500	150	
UNL5SDE	White RAL9016	DALI-2 Dimmable	Emergency	30W	4000K	120°	4500	150	
UNL5SN	White RAL9016	Non-Dimmable with Wattage Output Switch	-	20W - 23W - 26W - 30W	4000K	120°	3000 3450 3900 4500	150 150 150 150	
UNL5SNE	White RAL9016	Non-Dimmable with Wattage Output Switch	Emergency	20W - 23W - 26W - 30W	4000K	120°	3000 3450 3900 4500	150 150 150 150	

- **Wattage switchable between 20W, 23W, 26W & 30W**
- **Ultra-efficient up to 150 Llm/W**
- **Quick and easy installation with Push-fit terminal**

Guarantee	5 years (product), 3 years (emerg battery)
Wattage	30W
IP rating	IP44 (ceiling surface mount) IP40 (suspended or wall mounted)
IK rating	IK08
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L80 70,000h
Emergency version available	Yes, Self-Test
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	1



- **Wattage switchable between 20W, 23W, 26W & 30W**
- **Ultra-efficient up to 150 Llm/W**
- **Quick and easy installation with Push-fit terminal**

Guarantee	5 years (product), 3 years (emerg battery)
Wattage	30W or 20W - 23W - 26W - 30W
IP rating	IP44 (ceiling surface mount) IP40 (suspended or wall mounted)
IK rating	IK08
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L80 70,000h
Emergency version available	Yes, Self-Test
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	1

Uniform 4ft

1200mm Surface Linear

2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

Product code	Finish	Dimmable	Type	W	CCT	∠	lm	lm/W	Energy
UNL4SD	White RAL9016	DALI-2 Dimmable	-	30W	4000K	120°	4500	150	
UNL4SDE	White RAL9016	DALI-2 Dimmable	Emergency	30W	4000K	120°	4500	150	
UNL4SN	White RAL9016	Non-Dimmable with Wattage Output Switch	-	20W 23W 26W 30W	4000K	120°	3000 3450 3900 4500	150 150 150 150	
UNL4SNE	White RAL9016	Non-Dimmable with Wattage Output Switch	Emergency	20W 23W 26W 30W	4000K	120°	3000 3450 3900 4500	150 150 150 150	

Uniform 6ft

1800mm Surface Linear

2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

Product code	Finish	Dimmable	Type	W	CCT	∠	lm	lm/W	Energy
UNL6SD	White RAL9016	DALI-2 Dimmable	-	30W	4000K	120°	4500	150	
UNL6SDE	White RAL9016	DALI-2 Dimmable	Emergency	30W	4000K	120°	4500	150	
UNL6SN	White RAL9016	Non-Dimmable with Wattage Output Switch	-	20W 23W 26W 30W	4000K	120°	3000 3450 3900 4500	150 150 150 150	
UNL6SNE	White RAL9016	Non-Dimmable with Wattage Output Switch	Emergency	20W 23W 26W 30W	4000K	120°	3000 3450 3900 4500	150 150 150 150	

Battens

Commercial

- **Wattage switchable between 20W, 23W, 26W & 30W**
- **Ultra-efficient up to 150 Llm/W**
- **Quick and easy installation with Push-fit terminal**

Guarantee	5 years (product), 3 years (emerg battery)
Wattage	30W or 20W - 23W - 26W - 30W
IP rating	IP44 (ceiling surface mount) IP40 (suspended or wall mounted)
IK rating	IK08
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L80 70,000h
Emergency version available	Yes, Self-Test
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	1

- **High efficacy of 130lm/W**
- **Suspended gear tray for easy installation**
- **Emergency option available**

Guarantee	5 years (product), 2 years (emerg battery)
Wattage	20W or 40W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 0-10V)
Input	220-240V AC
LED lifetime	L70 54,000h
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C - 40°C
Electric class	1

1220mm

70mm × 76mm

Borealis 4ft

4ft Single, LED Batten, 20W Single and 40W Twin

2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

Product code	Size	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
BT4SD40	Single	DALI-2 dimmable	20W	4000K	120°	2600	130	-	D
BT4SD40EM		Emergency DALI-2 dimmable	20W	4000K	120°	2600	130	250	D
BT4SS40		Standard	20W	4000K	120°	2600	130	-	D
BT4SS40EM		Emergency	20W	4000K	120°	2600	130	250	D
BT4SV40		1-10V dimmable	20W	4000K	120°	2600	130	-	D
BT4TD40	Twin	DALI-2 dimmable	40W	4000K	120°	5200	130	-	D
BT4TD40EM		Emergency DALI-2 dimmable	40W	4000K	120°	5200	130	250	D
BT4TS40		Standard	40W	4000K	120°	5200	130	-	D
BT4TS40EM		Emergency	40W	4000K	120°	5200	130	250	D
BT4TV40		1-10V dimmable	40W	4000K	120°	5200	130	-	D

Borealis 5ft

5ft Single, LED Batten, 32W Single and 54W Twin

2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

smart
Wireless available on request

Product code	Size	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
BT5SD40	Single	DALI-2 dimmable	32W	4000K	120°	4160	130	-	D
BT5SD40EM		Emergency DALI-2 dimmable	32W	4000K	120°	4160	130	250	D
BT5SS40		Standard	32W	4000K	120°	4160	130	-	D
BT5SS40EM		Emergency	32W	4000K	120°	4160	130	250	D
BT5SV40		1-10V dimmable	32W	4000K	120°	4160	130	-	D
BT5TD40	Twin	DALI-2 dimmable	54W	4000K	120°	7020	130	-	E
BT5TD40EM		Emergency DALI-2 dimmable	54W	4000K	120°	7020	130	250	E
BT5TS40		Standard	54W	4000K	120°	7020	130	-	E
BT5TS40EM		Emergency	54W	4000K	120°	7020	130	250	E
BT5TV40		1-10V dimmable	54W	4000K	120°	7020	130	-	E

Battens

Commercial

- **High efficacy of 130lm/W**
- **Suspended gear tray for easy installation**
- **Emergency option available**

Guarantee	5 years (product), 2 years (emerg battery)
Wattage	32W or 54W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 0-10V)
Input	220-240V AC
LED lifetime	L70 54,000h
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C - 40°C
Electric class	1

1524mm

70mm × 76mm

Battens

- High efficacy of 124lm/W
- Suspended gear tray for easy installation
- Emergency option available

Guarantee	5 years (product), 2 years (emerg battery)
Wattage	42W or 70W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 0-10V)
Input	220-240V AC
LED lifetime	L70 54,000h
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C - 40°C
Electric class	1

Borealis 6ft

6ft Single, LED Batten, 42W Single and 70W Twin

2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

smart
Wireless available on request

Product code	Size	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
BT6SD40	Single	DALI-2 dimmable	42W	4000K	120°	5200	124	-	D
BT6SD40EM		Emergency DALI-2 dimmable	42W	4000K	120°	5200	124	250	D
BT6SS40		Standard	42W	4000K	120°	5200	124	-	D
BT6SS40EM		Emergency	42W	4000K	120°	5200	124	250	D
BT6SV40		1-10V dimmable	42W	4000K	120°	5200	124	-	D
BT6TD40	Twin	DALI-2 dimmable	70W	4000K	120°	8680	124	-	E
BT6TD40EM		Emergency DALI-2 dimmable	70W	4000K	120°	8680	124	250	E
BT6TS40		Standard	70W	4000K	120°	8680	124	-	E
BT6TS40EM		Emergency	70W	4000K	120°	8680	124	250	E
BT6TV40		1-10V dimmable	70W	4000K	120°	8680	124	-	E

Batten accessories

Make your batten perfect for your installation

Optional PIR sensor and emergency accessories combine excellence and unrivalled cost savings.

Use the tables below to choose the perfect accessory for your batten

	PIRBOLT (PIR)	PIRBOLTDIM (PIR)	PIRBOLTDIMR (PIRBOLTDIM Remote)	EMBOLT... (Emergency)
Accessory on it's own				
Accessory on product			-	

Product Code	Type	Compatible with
PIRBOLT	Bolt on PIR motion sensor	Borealis - single / twin, Uniform CSP
PIRBOLTDIM	Bolt on PIR dimming sensor (requires 0-10V driver)	Borealis - single / twin, Uniform CSP
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	Borealis - single / twin, Uniform CSP
EMBOLTMCOR	Manual test corrridor emergency bolt-on	Borealis - single / twin, Uniform CSP
EMBOLTMOPEN	Manual test open area lens emergency bolt-on	Borealis - single / twin, Uniform CSP
EMBOLTSCOR	Self-test corrridor emergency bolt-on	Borealis - single / twin, Uniform CSP
EMBOLTSOPEN	Self-test open area lens emergency bolt-on	Borealis - single / twin, Uniform CSP

Commercial downlights

Thea Pro

Downlight

Offers two options from 145mm to 180mm and 165mm to 200mm making it a truly versatile product.

Advantages

- Ultra efficient 142Llm/W ensure low running costs
- UGR19 compliant low glare lighting when insert is used, snap fit accessory for ease of installation.
- DALI-2 drivers available to make your fitting dimmable.

Thea Pro UGR19 Insert

Converter plate (Thea Lite CSP and Pro only)

Retro-fit downlights

Easily retro-fit your commercial downlight by using a converter plate. Simply place the downlight into the converter plate and the product will fill a hole Ø240-290mm.

Advantages

- Easily install downlights into ceilings with cut-outs to large for our products.

Product Code	Compatible with
DL801MW	Thea Lite CSP 200mm and Thea Pro 165-200mm

Thea Lite CSP 3 products in 1

CCT switchable: one light, three CCT temperatures

Our range of colour switchable downlights allows you to stock 3 colour temperatures in 1 product (3000K, 4000K & 6000K / 6500K).

Advantages

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

3000K

4000K

6500K

CDL 6 products in 1

Wattage switchable & CCT switchable: one light, two wattage, three CCT temperatures

Our CDL02 is a wattage switchable downlight, which allows you to stock 2 wattage outputs in 1 product.

Advantages

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

Lower output

Higher output

Thea Pro 145-180mm 10W

High Performance UGR19 (using insert accessory) Downlight

- **142**lm/W — **Highly efficient 142 Llm/W ensures low running costs**
- IP**65** — **IP65 protected as standard, suitable for bathroom zone 1**
- UGR**19** or UGR**22** — **UGR19 compliant low glare lighting when insert is used**

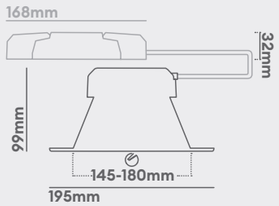
2 year on site guarantee

Guarantee	5 years (product), 3 years (emergency)
Wattage	10W
IP rating	IP65
Dimmable	Yes (DALI-2, PUSH-DIM)
CRI	CRI>80
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Install connector type	Push-fit terminal, loop-in/loop-out
Cut-out size	145-180
Electric class	2

Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm/W	Energy
THP1N	White RAL9003	On-Off	Driver Included	10W	4000K	80°	1400	140	B
THP1X	White RAL9003	Dimmable	Driver Excluded Use THP1DD	10W	4000K	80°	1400	140	B
THP2N	White RAL9003	On-Off	Driver Included	14W	4000K	80°	2000	142	B
THP2X	White RAL9003	Dimmable	Driver Excluded Use THP23DD	14W	4000K	80°	2000	142	B

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting into emergency manual-test option
LEDEP10	Emergency pack for converting into emergency self-test option
LEDEP09ADA	Emergency pack for converting into DALI emergency self-test option



Thea Pro 165-200mm 14W

High Performance UGR19 (using insert accessory) Downlight

2 year on site guarantee

Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm	Energy
THP3N	White RAL9003	On-Off	Driver Included	14W	4000K	80°	2000	142	B
THP3X	White RAL9003	Dimmable	Driver Excluded Use THP23DD	14W	4000K	80°	2000	142	B
THP4N	White RAL9003	On-Off	Driver Included	25W	4000K	80°	3500	140	B
THP4X	White RAL9003	Dimmable	Driver Excluded Use THP4DD	25W	4000K	80°	3500	140	B

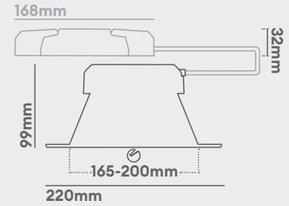
*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting into emergency manual-test option
LEDEP10	Emergency pack for converting into emergency self-test option
LEDEP09ADA	Emergency pack for converting into DALI emergency self-test option

Commercial downlights

- **142**lm/W — **Highly efficient 142 Llm/W ensures low running costs**
- IP**65** — **IP65 protected as standard, suitable for bathroom zone 1**
- UGR**19** or UGR**22** — **UGR19 compliant low glare lighting when insert is used**

Guarantee	5 years (product), 3 years (emergency)
Wattage	14W
IP rating	IP65
Dimmable	Yes (DALI-2, PUSH-DIM)
CRI	CRI>80
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Install connector type	Push-fit terminal, loop-in/loop-out
Cut-out size	165-200
Electric class	2



Commercial

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.

Use the tables below to choose the perfect accessory for your Thea Pro

	THP12UGR	THP12GOLWHI	THP12BLKWHI	THP12BLKBLK	THP12BROBLK	THP34UGR	THP34GOLWHI	THP34BLKWHI	THP34BLKBLK	THP34BROBLK	THP1DD	THP23DD	THP4DD	LEDEP10EM	LEDEP10	LEDEP09DA
Accessory on it's own																
Accessory on product											-	-	-	-	-	-

Thea Pro 145-180mm accessory product codes

Product Code	Description	Compatible with
THP12UGR	UGR19 baffle insert	Thea Pro 145-185mm (THP1 & THP2)
THP12GOLWHI	White bezel with gold baffle insert	Thea Pro 145-185mm (THP1 & THP2)
THP12BLKWHI	Black bezel with white baffle insert	Thea Pro 145-185mm (THP1 & THP2)
THP12BLKBLK	Black bezel with black baffle insert	Thea Pro 145-185mm (THP1 & THP2)
THP12BROBLK	Black bezel with bronze baffle insert	Thea Pro 145-185mm (THP1 & THP2)
THP1DD	DALI-2 Driver for THP1	Thea Pro 145-185mm (THP1 only)
THP23DD	DALI-2 Driver for THP2	Thea Pro 145-185mm (THP2 only)
LEDEP10EM	Emergency pack for converting Thea Pro into emergency manual-test option	Thea Pro 145-185mm
LEDEP10	Emergency pack for converting Thea Pro into emergency self-test option	Thea Pro 145-185mm
LEDEP09DA	Emergency pack for converting Thea Pro into DALI emergency self-test option	Thea Pro 145-185mm

Thea Pro 165-200mm accessory product codes

Product Code	Description	Compatible with
THP34UGR	UGR19 baffle insert	Thea Pro 165-200mm (THP1 & THP2)
THP34GOLWHI	White bezel with gold baffle insert	Thea Pro 165-200mm (THP1 & THP2)
THP34BLKWHI	Black bezel with white baffle insert	Thea Pro 165-200mm (THP1 & THP2)
THP34BLKBLK	Black bezel with black baffle insert	Thea Pro 165-200mm (THP1 & THP2)
THP34BROBLK	Black bezel with bronze baffle insert	Thea Pro 165-200mm (THP1 & THP2)
THP23DD	DALI-2 Driver for THP3	Thea Pro 165-200mm (THP3 only)
THP4DD	DALI-2 Driver for THP4	Thea Pro 165-200mm (THP4 only)
LEDEP10EM	Emergency pack for converting Thea Pro into emergency manual-test option	Thea Pro 165-200mm
LEDEP10	Emergency pack for converting Thea Pro into emergency self-test option	Thea Pro 165-200mm
LEDEP09DA	Emergency pack for converting Thea Pro into DALI emergency self-test option	Thea Pro 165-200mm

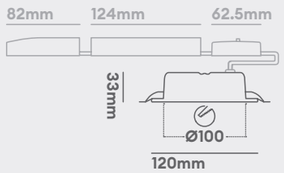
Commercial

Thea Lite CSP 100mm

Colour Switchable IP54 Downlight

- Colour temperature switchable, 3000K-4000K-6000K
- Highly efficient up to 120 Llm/W ensures low running costs
- Quick and easy installation with plug & play connectors

Guarantee	5 years (product), 3 years (emergency)
Wattage	10W
IP rating	IP54 (from below) IP20 (from above)
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
CRI	CRI>80
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Install connector type	Push-fit terminal, loop-in/loop-out
Cut-out size	100
Electric class	2



Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm/W	Energy
THL1N	White RAL9003	On-Off	Driver Included	10W	3000K	80°	1100	110	
					4000K	80°	1200	120	
					6000K	80°	1200	120	
THL1X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	10W	3000K	80°	1100	110	
					4000K	80°	1200	120	
					6000K	80°	1200	120	
THLB1T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	10W	3000K	80°	1000	100	
					4000K	80°	1100	110	
					6000K	80°	1100	110	
THLB1X	Matt Black RAL9005	Dimmable	Driver Excluded Use PS250600MA	10W	3000K	80°	1000	100	
					4000K	80°	1100	110	
					6000K	80°	1100	110	

For THL1N replace 'N' at the end of the part code with 'T' for Mains dimmable option

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting into emergency manual-test option
LEDEP10	Emergency pack for converting into emergency self-test option
LEDEP09ADA	Emergency pack for converting into DALI emergency self-test option

Thea Lite CSP 150mm

Colour Switchable IP54 Downlight

Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm/W	Energy
THL2N	White RAL9003	On-Off	Driver Included	14W	3000K	90°	1550	111	
					4000K	90°	1680	120	
					6500K	90°	1680	120	
THL2X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	14W	3000K	90°	1550	111	
					4000K	90°	1680	120	
					6500K	90°	1680	120	
THLB2T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	14W	3000K	90°	1500	107	
					4000K	90°	1600	114	
					6500K	90°	1600	114	
THLB2X	Matt Black RAL9005	Dimmable	Driver Excluded Use PS250600MA	14W	3000K	90°	1500	107	
					4000K	90°	1600	114	
					6500K	90°	1600	114	

For THL2N replace 'N' at the end of the part code with 'T' for Mains dimmable option

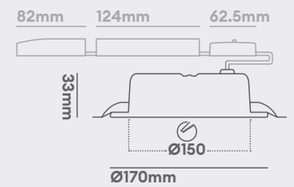
*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting into emergency manual-test option
LEDEP10	Emergency pack for converting into emergency self-test option
LEDEP09ADA	Emergency pack for converting into DALI emergency self-test option

Commercial downlights

- Colour temperature switchable, 3000K-4000K-6500K
- Highly efficient up to 120 Llm/W ensures low running costs
- Quick and easy installation with plug & play connectors

Guarantee	5 years (product), 3 years (emergency)
Wattage	14W
IP rating	IP54 (from below) IP20 (from above)
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
CRI	CRI>80
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Install connector type	Push-fit terminal, loop-in/loop-out
Cut-out size	150
Electric class	2

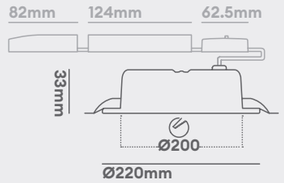


Thea Lite CSP 200mm

Colour Switchable IP54 Downlight

- Colour temperature switchable, 3000K-4000K-6500K
- Highly efficient up to 120 Llm/W ensures low running costs
- Quick and easy installation with plug & play connectors

Guarantee	5 years (product), 3 years (emergency)
Wattage	20W
IP rating	IP54 (from below) IP20 (from above)
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
CRI	CRI>80
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Install connector type	Push-fit terminal, loop-in/loop-out
Cut-out size	200
Electric class	2



2 year on site guarantee

Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm/W	Energy
THL3N	White RAL9003	On-Off	Driver Included	20W	3000K	90°	2200	110	
					4000K	90°	2400	120	C
					6500K	90°	2400	120	
THL3X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	20W	3000K	90°	2200	110	
					4000K	90°	2400	120	C
					6500K	90°	2400	120	
THLB3T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	20W	3000K	90°	2050	103	
					4000K	90°	2250	113	C
					6500K	90°	2250	113	
THLB3X	Matt Black RAL9005	Dimmable	Driver Included	20W	3000K	90°	2050	103	
					4000K	90°	2250	113	C
					6500K	90°	2250	113	

For THL3N replace 'N' at the end of the part code with 'T' for Mains dimmable option

*Emergency packs sold seperately

Product code	Description
LEDEP10EM	Emergency pack for converting into emergency manual-test option
LEDEP10	Emergency pack for converting into emergency self-test option
LEDEP09ADA	Emergency pack for converting into DALI emergency self-test option

CDL 12-18W

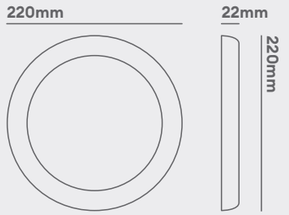
Colour and wattage switchable commercial downlight

2 year on site guarantee

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
CDL0218S	Matt white	12W	3000K	110°	1250	104	
			4000K	110°	1450	120	
			6000K	110°	1400	116	E
		18W	3000K	110°	1650	92	
			4000K	110°	2000	111	
			6000K	110°	1800	100	

- Colour switchable between 3000k, 4000K & 6500K
- Wattage switchable between 12W & 18W
- High efficacy of up to 120lm/W

Guarantee	3 years
Wattage	12W / 18W
IP rating	IP44
Dimmable	No
CRI	CRI>80
Input	220-240V AC
Emergency version available	No
Install connector type	Flying lead
Cut-out size	120-200
Electric class	2



Commercial outdoors

Commercial

Perimeter lighting

Energy savings

Automatically switch the light **off** during daylight and when there is no presence to save energy.

Advantages

- Save energy
- Save money

Motion detection (Halo)

Turns light on with movement.

Daylight switching

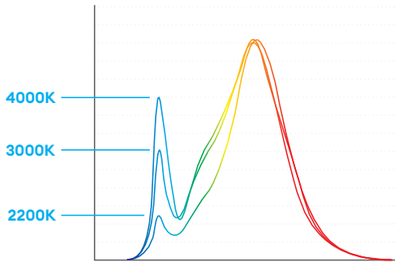
Holds light off during daylight hours.

Warmer light

2200K Ember light

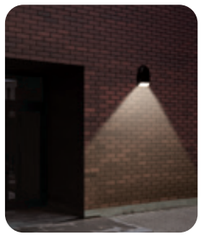
Minimising the blue light content of outdoor lighting is key to improving the survival and growth rates of nocturnal animals.

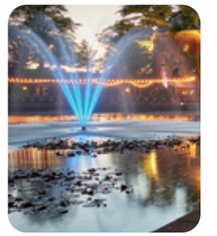
That's why Collingwood is introducing outdoor lighting with 2200K. The amount of blue light in 2200K is significantly less than 4000K or even 3000K.



Complete exterior solution

Our range of outdoor exterior lights designed to work perfectly together.





Arc / Arc Pro
Perimeter light

Halo
Entrance light

Tilt
Building / Landscape light

Fountain
Pond light

Hydra **Cyclo**
Pathway / Car park light

Hydra bollard

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

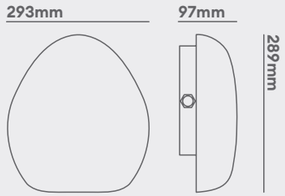
24W

CCT switchable between 3000K, 4000K & 5000K

Up to 165lm/W efficacy

Integral photocell as standard

Guarantee	5 years
Wattage	10W or 17W
IP rating	IP66
Dimmable	No
Input	220-240V AC
LED lifetime	L70 54,000h
Emergency version available	Yes
Sensor available	PC Dusk to Dawn
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-30°C - 50°C
Electric class	1



Arc 10W & 17W

Wallpack suitable for 3m (10W) or 4m (17W) mounting height

2 year on site guarantee

Product code	Finish	Type	W	CCT	◬	lm	lm/W	Em lm	Energy
ARA1N	Anthracite grey RAL7016	Standard	10W	3000K	98*114°	1550	155	-	
				4000K	98*114°	1650	165	-	C
				5000K	98*114°	1600	160	-	
ARA1NE	Anthracite grey RAL7016	Emergency	10W	3000K	98*114°	1550	155	300	
				4000K	98*114°	1650	165	300	C
				5000K	98*114°	1600	160	300	
ARA2N	Anthracite grey RAL7016	Standard	17W	3000K	98*114°	2600	153	-	
				4000K	98*114°	2750	162	-	C
				5000K	98*114°	2700	159	-	
ARA2NE	Anthracite grey RAL7016	Emergency	17W	3000K	98*114°	2600	153	300	
				4000K	98*114°	2750	162	300	C
				5000K	98*114°	2700	159	300	

Arc Pro CSP 6W - 15W

0% ULOR Wallpack suitable for mounting heights from 2.5 up to 4 metres

2 year on site guarantee

Product code	Finish	Type	W	CCT	◬	lm	lm/W	Energy
ARPB1N	Matt Black RAL9005	Standard	6W	2700K	140° x 70°	850	142	
				3000K	140° x 70°	850	142	
			8W	2700K	140° x 70°	1100	138	
				3000K	140° x 70°	1100	138	
			10W	2700K	140° x 70°	1400	127	
				3000K	140° x 70°	1400	127	D
			12W	2700K	140° x 70°	1650	138	
				3000K	140° x 70°	1650	138	
			15W	2700K	140° x 70°	2000	133	
				3000K	140° x 70°	2000	133	

Add 'E' at the end of the part code to order an Emergency version

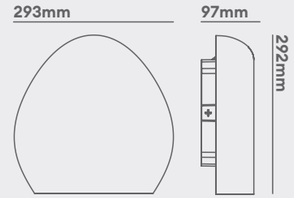
Commercial outdoor

CCT switchable between 2700K & 3000K (default)

Wattage Switchable between 6,8,10,12, & 15W

Integral photocell as standard

Guarantee	5 years
Wattage	6 - 8 - 10 - 12 - 15 or 17W
IP rating	IP66
Dimmable	Yes (DALI-2)
Input	220-240V AC
LED lifetime	L70 54,000h
Emergency version available	Yes
Sensor available	PC Dusk to Dawn
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-30°C - 50°C
Electric class	1



Commercial

Halo Wall Light 12W

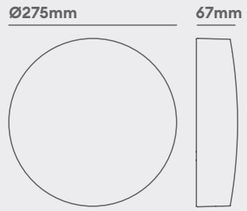
12W Wall Light CSP Switchable

360° 360-degree lit effect

IK10 IK10 perfect for external use

CCT switchable between 3000K, 4000K & 5700K

Guarantee	5 years
Wattage	12W
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	Yes
Sensor available	Microwave
Install connector type	Loop in / Loop out
Ambient temperature	-20°C - 45°C
Electric class	2



2 year on site guarantee

Eyelid fascia
WLHAEYE

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
WLHA1M	Anthracite grey RAL7016	Microwave sensor	12W	3000K	110°	1250	104	-	D
				4000K	110°	1300	108	-	
				5700K	110°	1350	113	-	
WLHA1ME	Anthracite grey RAL7016	Microwave and Emergency	12W	3000K	110°	1250	104	200	D
				4000K	110°	1300	108	200	
				5700K	110°	1350	113	200	
WLHA1N	Anthracite grey RAL7016	Standard	12W	3000K	110°	1250	104	-	D
				4000K	110°	1300	108	-	
				5700K	110°	1350	113	-	
WLHA1NE	Anthracite grey RAL7016	Emergency	12W	3000K	110°	1250	104	200	D
				4000K	110°	1300	108	200	
				5700K	110°	1350	113	200	

Hydra Bollard Black

Interchangable top head bollard with 1.5% ULOR

Post & ground kit sold seperately
HYBXBOLLARD

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
HYB1CONEB	Black	Standard	14W	2200K	360°	1000	71	D
				3000K	360°	1150	82	
			19W	2200K	360°	1400	74	
				3000K	360°	1500	79	
			24W	2200K	360°	1700	71	
				3000K	360°	1800	75	
HYB1CONEBPC	Black	Photocell	14W	2200K	360°	1000	71	D
				3000K	360°	1150	82	
			19W	2200K	360°	1400	74	
				3000K	360°	1500	79	
			24W	2200K	360°	1700	71	
				3000K	360°	1800	75	

IK10 IK10 for a robust fitting

CCT Switchable between 2200K & 3000K

W Wattage Switchable between 14W, 19W & 24W

Guarantee	5 years
Wattage	14W - 24W
IK rating	IK10
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L80 50,000h
Sensor available	Photocell
Ambient temperature	-40°C - 45°C
Electric class	1

Hydra Bollard Silver

Interchangable top head bollard for specular effect

IK10 for a robust fitting

CCT Switchable between 2200K & 3000K

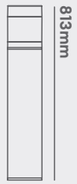
Wattage Switchable between 14W, 19W & 24W

Guarantee	5 years
Wattage	14W - 24W
IK rating	IK10
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L80 50,000h
Sensor available	Photocell
Ambient temperature	-40°C - 45°C
Electric class	1

Post & ground kit sold seperately
HYBXBOLLARD

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
HYB1CONES	Silver	Standard	14W	2200K	360°	1300	93	
				3000K	360°	1500	107	
			19W	2200K	360°	1800	95	D
				3000K	360°	1950	103	
			24W	2200K	360°	2250	94	
				3000K	360°	2400	100	
HYB1CONESPC	Silver	Photocell	14W	2200K	360°	1300	93	
				3000K	360°	1500	107	
			19W	2200K	360°	1800	95	D
				3000K	360°	1950	103	
			24W	2200K	360°	2250	94	
				3000K	360°	2400	100	

Ø160mm



Hydra Bollard White

Interchangable top head bollard for maximum coverage

Commercial outdoor

IK10 for a robust fitting

CCT Switchable between 2200K & 3000K

Wattage Switchable between 14W, 19W & 24W

Guarantee	5 years
Wattage	14W - 24W
IK rating	IK10
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L80 50,000h
Sensor available	Photocell
Ambient temperature	-40°C - 45°C
Electric class	1

Post & ground kit sold seperately
HYBXBOLLARD

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
HYB1OPALW	White	Standard	14W	2200K	360°	1050	75	
				3000K	360°	1200	86	
			19W	2200K	360°	1450	76	D
				3000K	360°	1550	82	
			24W	2200K	360°	1750	73	
				3000K	360°	1900	79	
HYB1OPALWPC	White	Photocell	14W	2200K	360°	1050	75	
				3000K	360°	1200	86	
			19W	2200K	360°	1450	76	D
				3000K	360°	1550	82	
			24W	2200K	360°	1750	73	
				3000K	360°	1900	79	

Ø160mm

Choosing the ideal Hydra bollard

For your installation

Use the four easy steps below to select the perfect bollard for your installation.

1 Bollard heads

Standard - **HYB1CONEB**
Photocell - **HYB1CONEBPC**

Standard - **HYB1CONES**
Photocell - **HYB1CONESPC**

Standard - **HYB1OPALW**
Photocell - **HYB1OPALWPC**

2 Bollard post & ground kit

HYBXBOLLARD*
Including post, base and ground fixing kit

3 Ground fixing options

HYBXBOLTKIT
Concrete

HYBXROOTKIT
Soft ground

4 180° Spill light kit

HYBXSPILLKIT
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.

Hydra accessories

Make your bollard perfect for your installation

When ordering your bollard head, you must order HYBXBOLLARD (post and ground kit)
See other accesories below

	HYBXBOLLARD	HYBXBOLTKIT	HYBXROOTKIT	HYBXSPILLKIT
Accessory on it's own				
Accessory on product				

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**

Bulkheads

Commercial

Bulkheads

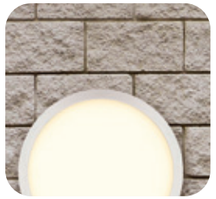
CCT switchable: one light, three CCT temperatures

Our range of colour switchable bulkheads allows you to stock 3 colour temperatures in 1 product (3000K, 4000K & 6500K).

Advantages

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

3000K



4000K

6500K

Lumen switchable: one light, two lumen outputs

Our range of lumen switchable bulkhead allows you to stock 2 lumen outputs in 1 product.

Advantages

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

Lower output

Higher output

Quick & easy installation

All our bulkheads come with push-fit terminals for quick & easy installation.

Advantages

- Quick and easy to wire up.

The WL94 and WL95 come with push-fit terminals.

The WL94 comes with a removable twist and lock panel for easy access.

The WL94 comes with a detachable bracket for quick and easy installation.

Advantages

- Easier to install. Attach small bracket onto the wall and easily clip the bulkhead onto the bracket afterwards.

Simply push the quick release button to detach the bracket.

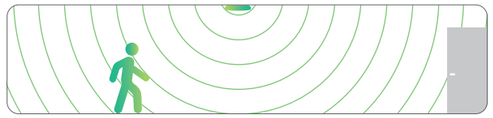
You can mount the bracket to the surface and then easily attach the bulkhead.

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.

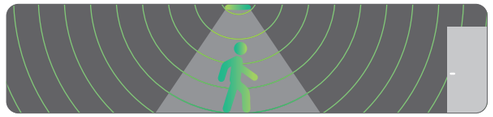
Sufficent daylight

With sufficent daylight, even when movement detected, light remains off.



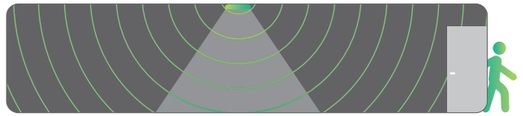
Insufficent daylight

With insufficent daylight, when movement detected, light turns on.



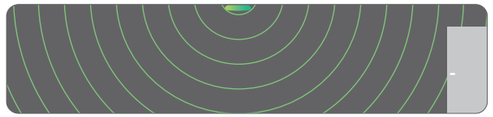
Hold time

After last detection, light will be dimmed down to stand-by dimming level.



Stand-by period

After stand-by dimming level period, light turns off.

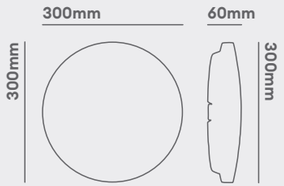


CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation bracket

Emergency option available

Guarantee	3 years
Wattage	10W
IP rating	IP44
Dimmable	No
Input	220-240V AC
LED lifetime	L70 35,000h
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	2



WL94 10W

IP44 LED slim decorative Bulkhead

2 year on site guarantee

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
WL9410CCS	White	Emergency Microwave sensor	10W	3000K	120°	1000	100	
				4000K	120°	1100	110	D
				6500K	120°	1100	110	
WL9410ECS	White	Emergency	10W	3000K	120°	1000	100	
				4000K	120°	1100	110	E
				6500K	120°	1100	110	
WL9410MCS	White	Microwave sensor	10W	3000K	120°	1000	100	
				4000K	120°	1100	110	D
				6500K	120°	1100	110	
WL9410SCS	White	Standard	10W	3000K	120°	1000	100	
				4000K	120°	1100	110	E
				6500K	120°	1100	110	

WL94 18W

IP44 LED slim decorative Bulkhead

2 year on site guarantee

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
WL9418CCS	White	Emergency Microwave sensor	18W	3000K	120°	1800	100	
				4000K	120°	2000	111	D
				6500K	120°	2000	111	
WL9418ECS	White	Emergency	18W	3000K	120°	1800	100	
				4000K	120°	2000	111	E
				6500K	120°	2000	111	
WL9418MCS	White	Microwave sensor	18W	3000K	120°	1800	100	
				4000K	120°	2000	111	D
				6500K	120°	2000	111	
WL9418SCS	White	Standard	18W	3000K	120°	1800	100	
				4000K	120°	2000	111	E
				6500K	120°	2000	111	

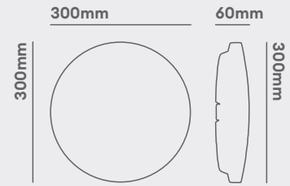
Bulkheads

CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation bracket

Emergency option available

Guarantee	3 years
Wattage	18W
IP rating	IP44
Dimmable	No
Input	220-240V AC
LED lifetime	L70 35,000h
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	2



Commercial

WL95 10W & 15W

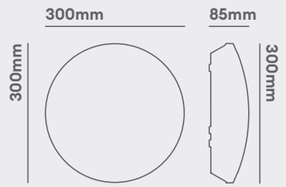
IP65 CCT & wattage switchable bulkhead with white housing & conduit entries

CCT switchable between 3000K, 4000K & 6500K

Wattage switchable between 10W & 15W

Emergency option available

Guarantee	3 years
Wattage	10W - 15W
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L70 35,000h
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	2



2 year on site guarantee

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
WL9515ECS	White	Emergency	10W	3000K	115°	1100	110	120	D
				4000K	115°	1200	120	120	
				6500K	115°	1200	120	120	
			15W	3000K	115°	1650	110	120	
				4000K	115°	1800	120	120	
				6500K	115°	1800	120	120	
WL9515SCS	White	Standard	10W	3000K	115°	1100	110	-	D
				4000K	115°	1200	120	-	
				6500K	115°	1200	120	-	
			15W	3000K	115°	1650	110	-	
				4000K	115°	1800	120	-	
				6500K	115°	1800	120	-	

WL9515MCS: Microwave sensor version I WL9515CCS: Emergency version with microwave sensor

WL95 10W & 15W

IP65 CCT & wattage switchable bulkhead with black housing & conduit entries

2 year on site guarantee

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
WL9515ECSB	Black	Emergency	10W	3000K	115°	1100	110	120	D
				4000K	115°	1200	120	120	
				6500K	115°	1200	120	120	
			15W	3000K	115°	1650	110	120	
				4000K	115°	1800	120	120	
				6500K	115°	1800	120	120	
WL9515SCSB	Black	Standard	10W	3000K	115°	1100	110	-	D
				4000K	115°	1200	120	-	
				6500K	115°	1200	120	-	
			15W	3000K	115°	1650	110	-	
				4000K	115°	1800	120	-	
				6500K	115°	1800	120	-	

WL9515MCSB: Microwave sensor version I WL9515CCSB: Emergency version with microwave sensor

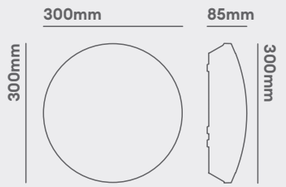
Bulkheads

CCT switchable between 3000K, 4000K & 6500K

Wattage switchable between 10W & 15W

Emergency option available

Guarantee	3 years
Wattage	10W - 15W
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L70 35,000h
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	2



Commercial

WL95 18W & 27W

IP65 CCT & wattage switchable bulkhead with white housing & conduit entries

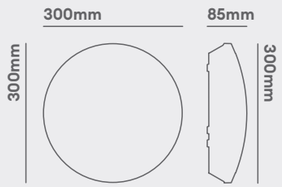
2 year on site guarantee

- CCT switchable between 3000K, 4000K & 6500K
- Wattage switchable between 18W & 27W
- Emergency option available

Guarantee	3 years
Wattage	18W - 27W
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L70 35,000h
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	2

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
WL9527ECS	White	Emergency	18W	3000K	115°	2100	116	120	D
				4000K	115°	2150	119	120	
				6500K	115°	2150	119	120	
			27W	3000K	115°	3100	114	120	
				4000K	115°	3200	118	120	
				6500K	115°	3200	118	120	
WL9527SCS	White	Standard	18W	3000K	115°	2100	116	-	D
				4000K	115°	2150	119	-	
				6500K	115°	2150	119	-	
			27W	3000K	115°	3100	114	-	
				4000K	115°	3200	118	-	
				6500K	115°	3200	118	-	

WL9527MCS: Microwave sensor version I WL9527CCS: Emergency version with microwave sensor



WL95 18W & 27W

IP65 CCT & wattage switchable bulkhead with black housing & conduit entries

2 year on site guarantee

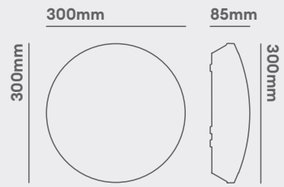
Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
WL9527ECSB	Black	Emergency	18W	3000K	115°	2100	116	120	D
				4000K	115°	2150	119	120	
				6500K	115°	2150	119	120	
			27W	3000K	115°	3100	114	120	
				4000K	115°	3200	118	120	
				6500K	115°	3200	118	120	
WL9527SCSB	Black	Standard	18W	3000K	115°	2100	116	-	D
				4000K	115°	2150	119	-	
				6500K	115°	2150	119	-	
			27W	3000K	115°	3100	114	-	
				4000K	115°	3200	118	-	
				6500K	115°	3200	118	-	

WL9527MCSB: Microwave sensor version I WL9527CCSB: Emergency version with microwave sensor

Bulkheads

- CCT switchable between 3000K, 4000K & 6500K
- Wattage switchable between 18W & 27W
- Emergency option available

Guarantee	3 years
Wattage	18W - 27W
IP rating	IP65
Dimmable	No
Input	220-240V AC
LED lifetime	L70 35,000h
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	2



Commercial

Fascias

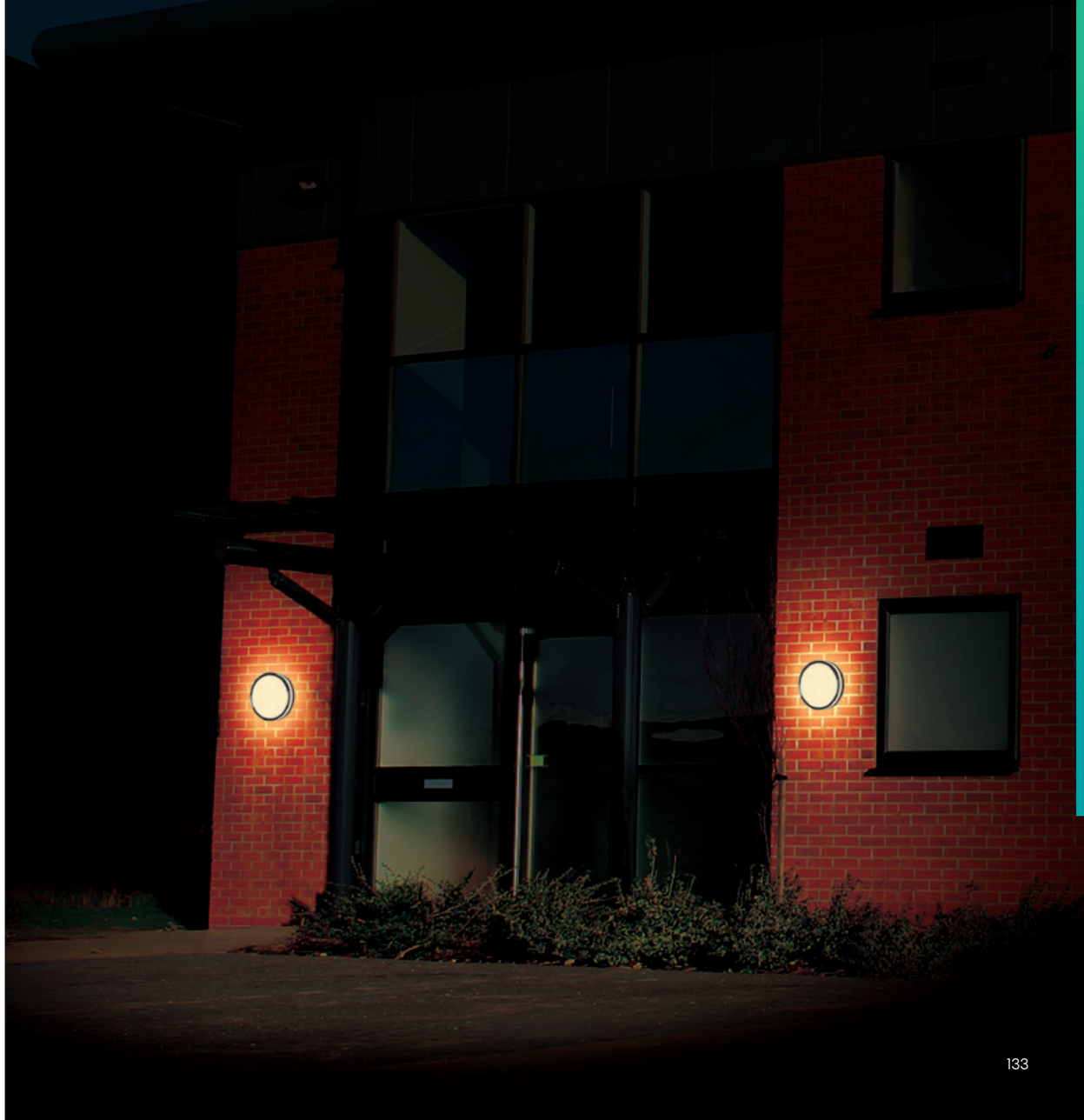
Make your bulkhead perfect for your installation

Change the look without having to change the fitting with our bulkhead fascia options.
Choose between easy-to-fit ring, eyelid and grille fascias.

Use the tables below to choose the perfect accessory for your bulkhead

Use with	No accessory	Eyelid fascia	Grille fascia
WL95 white			-
WL95 black			

Product Code	Type	Compatible with
WL95BEW	White eyelid fascia	WL95 white
WL95BE	Black eyelid fascia	WL95 black
WL95BG	Black grille fascia	WL95 black



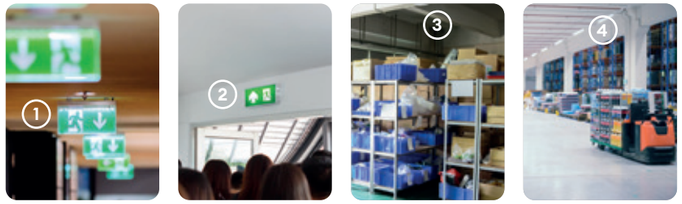
Emergency lighting

Emergency

Emergency lighting

Emergency range

The Collingwood 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 blades, escape routes and twin spots, all complying with ISO 3864-1.



① Blade ② Box / Bulkhead ③ Route ④ Max

Mounting options

	Emergency Blade	Emergency Box	Emergency Bulkhead	Emergency Route	Emergency Twin spot	Salvus Max	Salvus Surface
Ceiling	●		●	●		●	●
Wall	●	●	●		●	●	
Suspended	●		●				
Conduit M20			●		●	●	●
BESA			●			●	
Open area lens				●			●
Corridor lens				●			●

Self-test vs. Manual test

Regular tests need to be conducted on the emergency fittings to ensure they are still performing correctly. The two tests which need to be conducted are for emergency light operation and the battery duration. There are two methods of conducting this test, a manual test and a self-test.

Manual test

A manual test can be performed locally by pressing the product test button that forces the emergency luminaire to go into emergency mode, or by switching off the mains.

The inspection is done in real-time, visually, by the operator in charge of the test.

Self-test

The self-test unit automatically performs numerous tests in the background. Any failure is indicated by the LED, that can start to blink or change its colour, depending on the product type.

The inspection is done by visually checking the LED indicator status.

The inspection frequency tests required are determined by EN 50172, which our products comply with. It should last as long as it is needed to make the emergency light source turn on, so in case of our products, only a few seconds.

The battery duration test should be performed at least yearly. It should last for the rated battery duration, so for manual test products, it has to be executed when there is a minimum risk for the occupants.

	Emergency Blade	Emergency Box	Emergency Bulkhead	Emergency Route	Emergency Twin spot	Salvus Max	Salvus Surface
Self test	●	●	●	●	●	●	
Manual test	●	●	●	●		●	●

Maintained vs Non-maintained

Maintained

These are when the fittings are on all the time, like a normal luminaire. These are mains powered and have a battery backup, which keeps the lights on in the event of a power failure. For example, the emergency blade is maintained, so if for any reason there is a power failure the emergency blade will stay lit using the battery backup.

Non-maintained

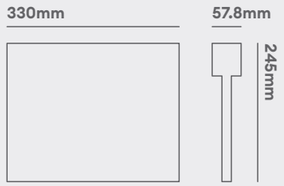
These only turn on in the event of a power failure. There is a set duration that the light will be live for, which depends on the battery and product type. For instance, our escape route emergency luminaire light remains off and only turns on when the mains power goes down.

Salvus Emergency Exit Blade

50lm, emergency exit blade, 30m viewing distance

- LiFePO4 battery available
- Self-test or Manual test available
- Auxiliary floor illumination to light areas under fitting

Guarantee	3 years
Wattage	4.0W
Maintained / Non-maintained	Maintained
Viewing distance	30m
IP rating	IP20
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4
Install connector type	Push-fit terminal, loop-in/loop-out
Construction material	Lens PC housing PC
Electric class	2
Mounting options	Ceiling, wall & suspended
Legends	See page 137



Product code	Testing	Battery	W	CCT	lm
EMBL30M	Manual-test	LiFePO4	4.0W	6500K	50
EMBL30S	Self-test	LiFePO4	4.0W	6500K	50

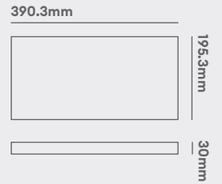
Salvus Emergency Exit Box

47lm, emergency exit box, 35m viewing distance

Product code	Testing	Battery	W	CCT	lm
EMBX35M	Manual-test	NiCd	3.5W	6500K	47
EMBX35S	Self-test	LiFePO4	3.5W	6500K	47

- LiFePO4 battery available
- Self-test or Manual test available
- Auxiliary floor illumination to light areas under fitting

Guarantee	Manual-test: 2 yearsSelf-test: 3 years
Wattage	3.5W
Maintained / Non-maintained	Manual-test: Maintained/Non-Maintained Self-test: Maintained
Viewing distance	35m
IP rating	IP20
IK rating	IK08
Input	220-240V AC
Battery	NiCd
Install connector type	Push-fit terminal, loop-in/loop-out
Construction material	Lens PC housing PC
Electric class	2
Mounting options	Wall
Legends	See page 137



Salvus Emergency Bulkhead

145lm, emergency bulkhead, 18m viewing distance

- LiFePO4 battery available
- Self-test or Manual test available
- IP65 suitable for outdoor environments

Guarantee	2 years
Wattage	3.0W
Maintained / Non-maintained	Maintained/Non-Maintained
Viewing distance	18m
IP rating	IP65
IK rating	IK07
Input	220-240V AC
Battery	LiFePO4
Install connector type	Push-fit terminal, loop-in/loop-out
Construction material	Lens PC housing ABS
Electric class	2
Mounting options	Ceiling, wall, suspended, BESA & conduit M20
Legends	Included

Product code	Testing	Battery	W	CCT	lm
EMBH145M	Manual-test	LiFePO4	3.0W	6500K	145
EMBH145S	Self-test	LiFePO4	3.0W	6500K	145

Salvus Max

High output non-maintained emergency bulkhead

wattage switchable

- High efficacy of 167lm/W
- Wattage Switchable between 6W & 10W
- IP66 suitable for warehouse all applications

Guarantee	4 years on electronics, 2 years on battery
Wattage	6W-10W
Maintained / Non-maintained	Non-Maintained
Viewing distance	N/A
IP rating	IP66
Input	220-240V AC
Battery	LiFePO4 6.4V 6.6Ah
Install connector type	Push-fit terminal, loop-in/loop-out
Construction material	PC
Electric class	2

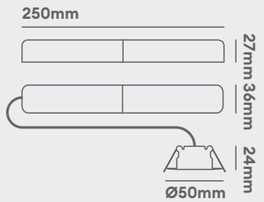
Product code	Testing	W	⩘	CCT	lm
EMBMAX	Manual-test	6W | 10W	135°	6500K	1000-1500
EMBMAXST	Self-test	6W | 10W	135°	6500K	1000-1500

Salvus Route

High Performance Emergency Spot

- **130lm/W** — High efficacy of 130lm/W
- Quick and easy installation with loop-in/ loop-out connector
- **1W** — Low energy consumption of 1W

Guarantee	4 years on electronics, 2 years on battery
Wattage	1W
Maintained / Non-maintained	Maintained/Non-Maintained
Viewing distance	N/A
IP rating	IP20
Input	220-240V AC
Battery	LiFePO4 3.2V 1500mAh
Install connector type	Integrated terminals, loop-in/ loop-out
Construction material	Polycarbonate
Electric class	2
Cut-out	Ø43 - 44mm



Open and corridor area lenses
Included

Product code	Finish	Testing	∠	lm
EMRBMAN	Black	Manual Test	165° / 160°x50°	130 Open - 120 Corridor
EMRBST	Black	Self-Test	165° / 160°x50°	130 Open - 120 Corridor
EMRWMAN	White	Manual Test	165° / 160°x50°	130 Open - 120 Corridor
EMRWST	White	Self-Test	165° / 160°x50°	130 Open - 120 Corridor

Salvus Surface

High Performance Emergency Spot

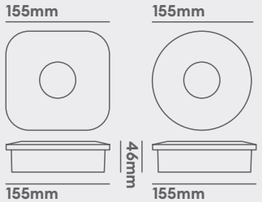
Emergency lighting

- **140lm/W** — High efficacy of 140lm/W
- Quick and easy installation with loop-in/ loop-out connector
- **2W** — Low energy consumption of 2W

Guarantee	4 years on electronics, 2 years on battery
Wattage	2W
Maintained / Non-maintained	Maintained/Non-Maintained
Viewing distance	N/A
IP rating	IP65
Input	220-240V AC
Battery	LiFePO4 3.2V 1500mAh
Install connector type	Integrated terminals, loop-in/ loop-out
Construction material	Polycarbonate
Electric class	2

Open and corridor area lenses
Included

Product code	Finish	Testing	∠	lm
EMSBRDEM	Black	Manual Test	165° / 160°x50°	280 Open - 230 Corridor
EMSBSQEM	Black	Manual Test	165° / 160°x50°	280 Open - 230 Corridor
EMSWRDEM	White	Manual Test	165° / 160°x50°	280 Open - 230 Corridor
EMSWSQEM	White	Manual Test	165° / 160°x50°	280 Open - 230 Corridor

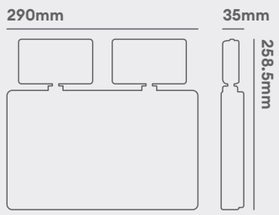


Salvus Emergency Twin Spot

400lm, self test emergency twin spot

- LiFePO4 battery available
- Self-test available
- IP65 suitable for outdoor environments

Guarantee	3 years
Wattage	4.8W
Maintained / Non-maintained	Non-maintained
Viewing distance	N/A
IP rating	IP65
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4
Install connector type	Push-fit terminal, loop-in/loop-out
Construction material	Lens PC housing PC
Electric class	2
Mounting options	Wall



Product code	Testing	Battery	W	CCT	lm
EMTW400S	Self-test	LiFePO4	4.8W	6500K	400

Salvus emergency accessories

Make your emergency lighting perfect for your install

Standardised ISO 3864-1 labels are supplied separately for the blade and box.
The blade can be mounted from a ceiling using our suspension kit.

Use the tables below to choose the perfect accessory

Use with	Up legend	Down legend	Left legend	Right legend	Suspension kit
Emergency blade	**EMBLUP**	**EMBLDO**	**EMBLLE**	**EMBLRI**	**EMBLSK**
Emergency box	**EMBXUP**	**EMBXDO**	**EMBXLE**	**EMBXRI**	-
Emergency bulkhead	Comes with it's own fully configurable legend sticker. Use to create up, down, left or right legends.				-

Product Code	Type	Compatible with
EMBLUP	Up legend for emergency blade	Salvus emergency blade
EMBLDO	Down legend for emergency blade	Salvus emergency blade
EMBLLE	Left legend for emergency blade	Salvus emergency blade
EMBLRI	Right legend for emergency blade	Salvus emergency blade
EMBXUP	Up legend for emergency box	Salvus emergency box
EMBXDO	Down legend for emergency box	Salvus emergency box
EMBXLE	Left legend for emergency box	Salvus emergency box
EMBXRI	Right legend for emergency box	Salvus emergency box
EMBLSK	Suspension kit	Salvus emergency blade

Anti-corrosives

Anti-corrosives

Wattage & CCT switchable

Wattage switchable: one light, two wattage outputs

Caiman Versa provides both the output of a single and a twin anti-corrosive within the same product.

Advantages

- Reduces stockholding from twelve luminaires to be three.
- Adjust using DIP switches on the driver during installation.

Product	Single output		Twin output	
Caiman Versa 4ft	18W	2590 - 5500lm	37W	5180 - 5550lm
Caiman Versa 5ft	28W	3920 - 4200lm	56W	7840 - 8400lm
Caiman Versa 6ft	33W	4690 - 5025lm	67W	9380 - 10050lm

CCT switchable: one light, three CCT temperatures

Our colour switchable anti corrosive allows you to stock 3 colour temperatures in 1 product (3000K, 4000K & 5700K).

Advantages

- Customer can choose which colour they prefer.
- Adjust using a switch during installation.

3000K Warm White

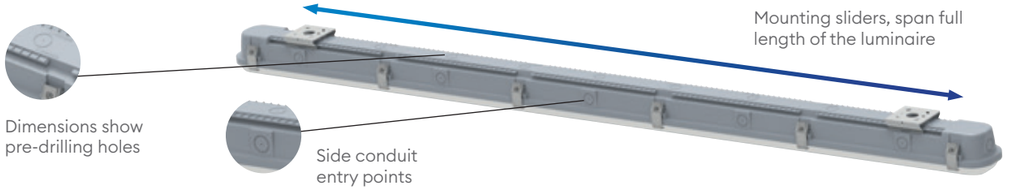
4000K Cool White

5700K Daylight

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.

Caiman Quick Connect

Use this solution when the mains cable entry is fed via the side conduit entry to avoid the need to open any clips or luminaire to install it! Just remove cap, push-in your wires to the connector and screw on the PG Gland.

Dimmable

0-10V, PUSH DIM
DALI-2

Microwave

Microwave On-Off
Microwave STEP-DIM

Emergency

Manual-test, Self-test
DALI-2 test

IP66 & IK10

High impact and high water and dust resistance

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

IP66 and IK10 for total protection

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	18W - 37W
IP rating	IP66
IK rating	IK10
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Manual, Self & DALI-2 options
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 35°C
Electric class	1

Caiman Versa 4ft

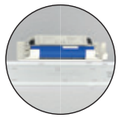
CCT Colour & Wattage Switchable Anti-Corrosive with plug-in Versabox accessories

2 year on site guarantee

Sliding bracket spans length of luminaire

Plug & Play Microwave sensor

Plug & Play EM sensor



Product code	W	CCT	∠	lm	lm/W	Em lm	Energy
AC4N	18W	3000K	120°	2590	144	240	C
		4000K	120°	2775	154	240	
		5700K	120°	2775	154	240	
	37W	3000K	120°	5180	144	240	
		4000K	120°	5550	154	240	
		5700K	120°	5550	154	240	

*Replace 'N' at the end of the part code with: 'NEM' for Manual-test Emergency models | 'D' for DALI-2/PUSH DIM | 'V' for 0-10V | Plug in kits also available as separate accessories.

Caiman Quick Connect 4ft

Wire a side mains cable entry without needing to open luminaire (product is through-wired)

2 year on site guarantee

Sliding bracket spans length of luminaire

Plug & Play Microwave sensor

Product code	W	CCT	∠	lm	lm/W	Em lm	Energy
AC4TWN	18W	3000K	120°	2590	144	N/A	C
		4000K	120°	2775	154	N/A	
		5700K	120°	2775	154	N/A	
	37W	3000K	120°	5180	144	N/A	
		4000K	120°	5550	154	N/A	
		5700K	120°	5550	154	N/A	

Anti-corrosives

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

IP66 for external use

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	18W - 37W
IP rating	IP66
IK rating	IK10
Dimmable	No
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	No
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 35°C
Electric class	1

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

IP66 and IK10 for total protection

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	28W - 56W
IP rating	IP66
IK rating	IK10
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Manual, Self & DALI-2 options
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 35°C
Electric class	1

1500mm

92.3mm

73mm

Caiman Versa 5ft

CCT Colour & Wattage Switchable Anti-Corrosive with plug-in Versabox accessories

2 year on site guarantee

Sliding bracket spans length of luminaire

Plug & Play Microwave sensor

Plug & Play EM sensor

Product code	W	CCT	∠	lm	lm/W	Em lm	Energy
AC5N	28W	3000K	120°	3920	140	230	
		4000K	120°	4200	150	230	
		5700K	120°	4200	150	230	
	56W	3000K	120°	7840	140	230	
		4000K	120°	8400	150	230	
		5700K	120°	8400	150	230	

*Replace 'N' at the end of the part code with: 'NEM' for Manual-test Emergency models | 'D' for DALI-2/PUSH DIM | 'V' for 0-10V | Plug in kits also available as separate accessories.

Caiman Quick Connect 5ft

Wire a side mains cable entry without needing to open luminaire (product is through-wired)

2 year on site guarantee

Sliding bracket spans length of luminaire

Plug & Play Microwave sensor

Product code	W	CCT	∠	lm	lm/W	Em lm	Energy
AC5TWN	28W	3000K	120°	3920	140	N/A	
		4000K	120°	4200	150	N/A	
		5700K	120°	4200	150	N/A	
	56W	3000K	120°	7840	140	N/A	
		4000K	120°	8400	150	N/A	
		5700K	120°	8400	150	N/A	

Anti-corrosives

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

IP66 for external use

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	28W - 56W
IP rating	IP66
IK rating	IK10
Dimmable	No
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	No
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 35°C
Electric class	1

1500mm

92.3mm

73mm

Industrial

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

IP66 and IK10 for total protection

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	33W - 67W
IP rating	IP66
IK rating	IK10
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Manual, Self & DALI-2 options
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 35°C
Electric class	1

1800mm

92.3mm

73mm

Caiman Versa 6ft

CCT Colour & Wattage Switchable Anti-Corrosive with plug-in Versabox accessories

2 year on site guarantee

Sliding bracket spans length of luminaire

Plug & Play Microwave sensor

Plug & Play EM sensor

Product code	W	CCT	∠	lm	lm/W	Em lm	Energy
AC6N	33W	3000K	120°	4690	142	200	C
		4000K	120°	5025	152	200	
		5700K	120°	5025	152	200	
	67W	3000K	120°	9380	140	200	
		4000K	120°	10050	150	200	
		5700K	120°	10050	150	200	

*Replace 'N' at the end of the part code with: 'NEM' for Manual-test Emergency models | 'D' for DALI-2/PUSH DIM | 'V' for 0-10V | Plug in kits also available as separate accessories.

Caiman Quick Connect 6ft

Wire a side mains cable entry without needing to open luminaire (product is through-wired)

2 year on site guarantee

Sliding bracket spans length of luminaire

Plug & Play Microwave sensor

Product code	W	CCT	∠	lm	lm/W	Em lm	Energy
AC6TWN	33W	3000K	120°	4690	142	N/A	C
		4000K	120°	5025	152	N/A	
		5700K	120°	5025	152	N/A	
	67W	3000K	120°	9380	140	N/A	
		4000K	120°	10050	150	N/A	
		5700K	120°	10050	150	N/A	

Anti-corrosives

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

IP66 for external use

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	33W - 67W
IP rating	IP66
IK rating	IK10
Dimmable	No
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	No
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 35°C
Electric class	1

1800mm

92.3mm

73mm

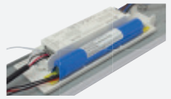
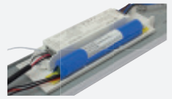
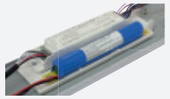
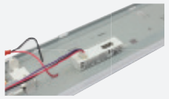
Industrial

Caiman anti-corrosive accessories

Make your anti-corrosive perfect for your installation

Optional PIR sensor and emergency accessories combine excellence and unrivalled cost savings.

Use the tables below to choose the perfect accessory for your Caiman

	ACKITMANEM	ACKITSELFEM	ACKITDALIEM	ACKITMWS	ACKITMWSDIM	ACREMOTEMWS (ACKITMWSDIM Remote)	ACBESA	PIRBOLT (PIR)	PIRBOLTDIM (PIR)	PIRBOLTDIMR (PIRBOLTDIM Remote)	EMBOLT... (Emergency)
Accessory on its own											
Accessory on product						-				-	

Product codes

Product Code	Type	Compatible with
ACKITMANEM	Manual Test Emergency plug-in Versabox	Caiman Versa
ACKITSELFEM	Self Test Emergency plug-in Versabox	Caiman Versa
ACKITDALIEM	DALI-2 Emergency plug-in Versabox (requires DALI-2 driver)	Caiman Versa
ACKITMWS	MIcrowave Sensor on/off plug-in Versabox	Caiman Versa & Caiman Quick Connect
ACKITMWSDIM	MIcrowave Sensor Dim plug-in Versabox (requires 0-10V driver)	Caiman Versa
ACREMOTEMWS	Remote for Microwave Sensor	Caiman Versa
ACBESA	BESA Mounting Bracket	Caiman Versa

Product Code	Type	Compatible with
PIRBOLT	On/Off PIR sensor with Lux level switch	Caiman Versa
PIRBOLTDIM	Dimming PIR Sensor with Lux level switch (requires 0-10V driver)	Caiman Versa
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	Caiman Versa
EMBOLTMCOR	3 hour emergency conversion pack, corridor area, manual test	Caiman Versa
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	Caiman Versa
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	Caiman Versa
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	Caiman Versa

Anti-corrosives

IP66 for total dust ingress protection

IK10 rated high resistance against impact and vadalism

Tool-less installation method making for a fast installation

Guarantee	5 years guarantee
Wattage	20W
IP rating	IP66
IK rating	IK10
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	No
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 30°C
Electric class	2

1200mm

70.5mm

66.5mm

Polaris 4ft

Single & Twin

2 year on site guarantee

Tool-less installation

Fixing clip

Product code	Feature	Type	W	CCT	∠	lm	lm/W	Energy
POL112N	Single	Standard	20W	4000K	130°	2600	130	D
POL212N	Twin	Standard	34W	4000K	130°	4700	138	D

Polaris 5ft

Single & Twin

2 year on site guarantee

Tool-less installation

Fixing clip

Product code	Feature	Type	W	CCT	∠	lm	lm/W	Energy
POL115N	Single	Standard	30W	4000K	130°	4000	133	D
POL215N	Twin	Standard	50W	4000K	130°	6750	135	D

Anti-corrosives

IP66 for total dust ingress protection

IK10 rated high resistance against impact and vadalism

Tool-less installation method making for a fast installation

Guarantee	5 years guarantee
Wattage	30W
IP rating	IP66
IK rating	IK10
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	No
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 30°C
Electric class	2

1500mm

70.5mm

66.5mm

High bays

Springbok Lite

Economical high bay for fast return on investment

Energy savings

Payback as quick as 2 months

Provide slightly more light, whilst using much less power, resulting in excellent cost savings and quick payback.

Springbok Lite	Replaces old HIT / HSE fittings	Replaces T5 fitting	Energy savings
200W	400W	2 x 80W	**Saving up to 46%**
150W	250W	4 x 49W	**Saving up to 54%**
80W	150W	2 x 80W	**Saving up to 43%**

Adding lighting control can save up to 82% of your existing energy usage.

Refractor accessories

Boost your light distribution by 20% with a decorative refractor.
Reduces glare to <UGR22.

HBL1REFR
For 80W product

HBL2REFR
For 100W product

HBL3REFR
For 200W product

Microwave sensors

For up to an additional 82% energy savings

For added control and energy savings use a microwave sensor kit.
Product code : **HBLMWS**

Motion sensor

Only turn your light on when movement is detected.

Daylight switching

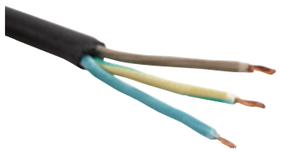
Only turn your light **on** when there is not enough natural light.

Quick & easy installation

Kit includes a junction box for cabling and counter weight for balance.

Quick & easy installation

Pre-wired with 1.5m of H05RN-F cable for ease of installation.



IP65 & IK08

High impact resistance ensures that accidental collisions will not adversely effect the performance of the product. Combine this with high water and dust resistance and it means that the range of installation environments is vast.

IP65 IK08

Warranty

Long warranty for piece of mind.

4 year guarantee

2 year on-site warranty

Area Bay

Designed to perform, built to last & connected to save energy

Best practice for energy & cost savings

Save energy & money on your project by following these 3 easy steps, and make savings like the example below.

1 Quality optics

Light the space using less fittings with our unique lens optic, designed to direct the light where it is needed.

Efficient lighting design

2 Motion detection

Use our **HBPIR** or **HBMWS** motion sensor to ensure your light is only on when a person is detected.

Save up to 60%

3 Daylight detection

Enable daylight switching, or if your zone is automated, daylight harvesting, to ensure your electric light works in sync with the natural light within the space.

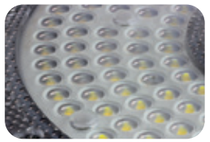
Save up to an additional 22%

Energy rate £/kWh: £0.37	Existing fitting	1 Collingwood fitting	2 Collingwood fitting with motion sensor	3 Collingwood fitting with motion sensor and daylight detection
Average lamp life	12,000 hours	54,000 hours	54,000 hours	54,000 hours
Quantity of fittings	100	100	100	100
Watts per fitting	400W	150W	150W	150W
Energy £/Year	£106,649	£48,922	£19,569	£8,806
Energy savings £/Year	-	**£57,727**	**£87,080**	**£97,843**
Energy savings over 5 years	-	**£288,635**	**£435,400**	**£489,215**

Quality optics

To light a space efficiently, a luminaire optic must be designed to direct the light to where it is needed. Our unique lens optic changes the light distribution to create the perfect wide beam application.

Less fittings required providing energy and cost savings.



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

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.

Perfect for avoiding nuisance triggering in areas that may have vibrations.

Product code : HBPIR
with daylight switch

Product code : HBPIRDLD
PIR with daylight harvest sensor

Microwave sensor

Ideal for use in open areas.

Perfect for areas that need to trigger when the sensor is not in a direct line of sight.

Product code : HBMWS
with daylight switch

Area Bay

Designed to perform, built to last & connected to save energy

Refractor accessories

Boost your light distribution by 20% with a decorative refractor.
Reduces glare to <UGR22.

HBA12REFR
For 100W - 150W product

HBA3REFR
For 200W product

HBA4REFR
For 240W product

Step-Dim

Our sensor can signal the light to switch **off** when no motion is detected, or DIM down to a low level to avoid complete darkness and help safety.

Warranty

Long warranty for piece of mind.

5 year guarantee

2 year on-site warranty

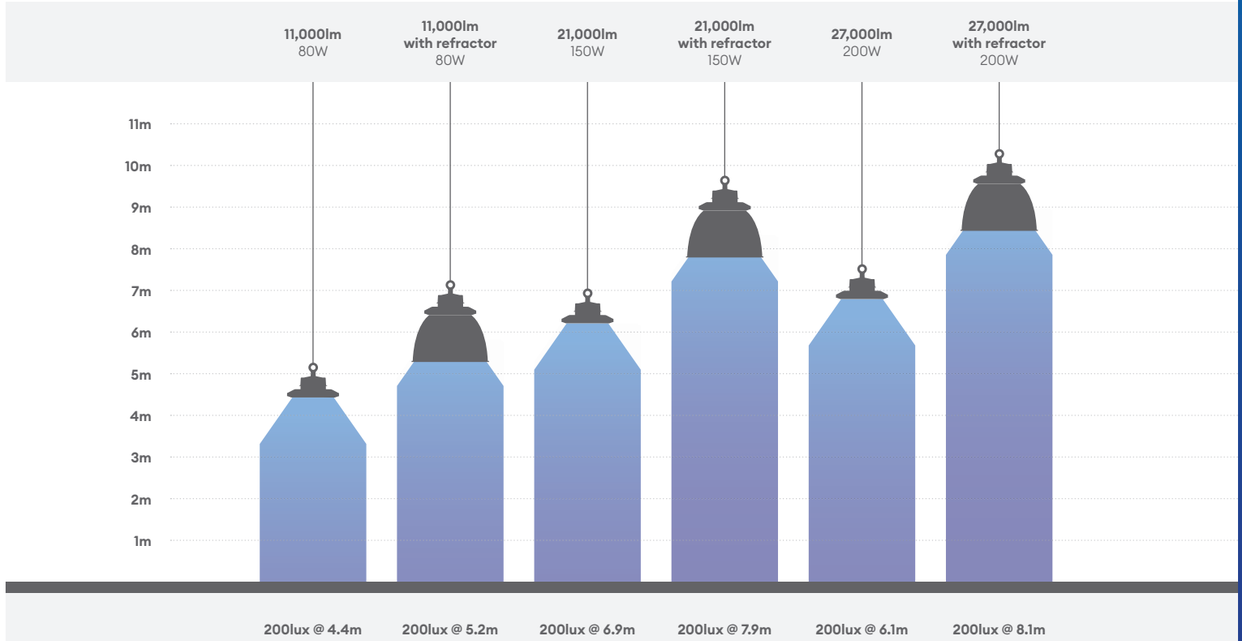
Design guide

Which high bay is suited to your project?

Use the diagram below to choose your ideal high bay, 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.

Springbok Lite - Open goods storage

Use the diagram below for open goods storage areas (**200lux is ideal**).



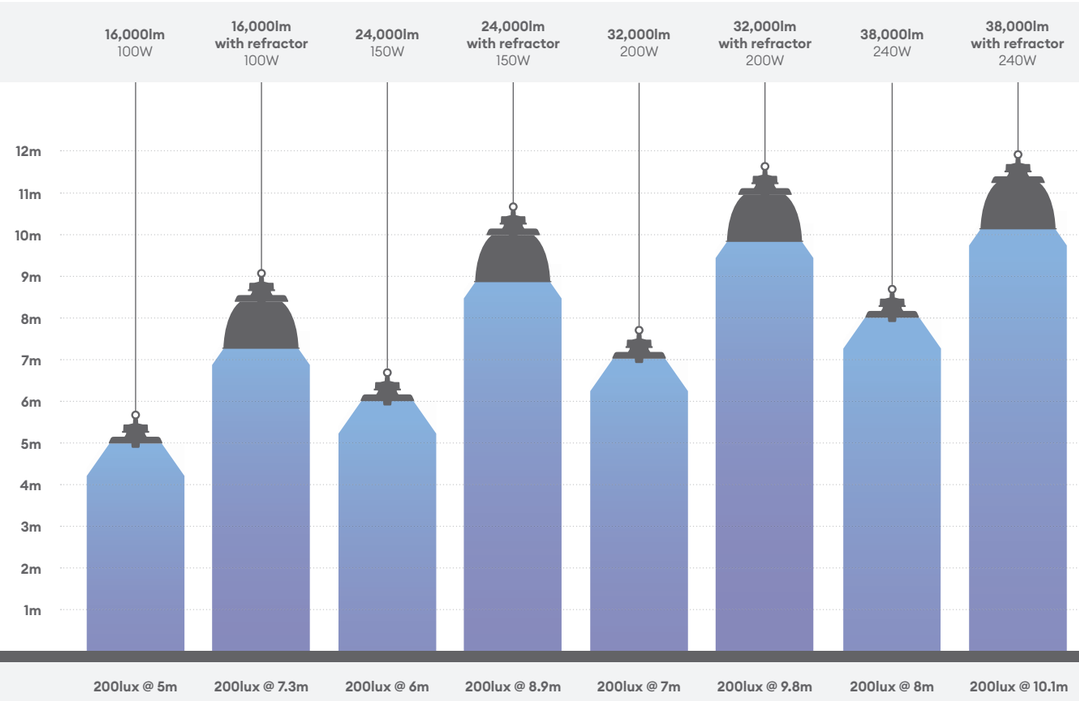
Design guide

Which high bay is suited to your project?

Use the diagram below to choose your ideal high bay, 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.

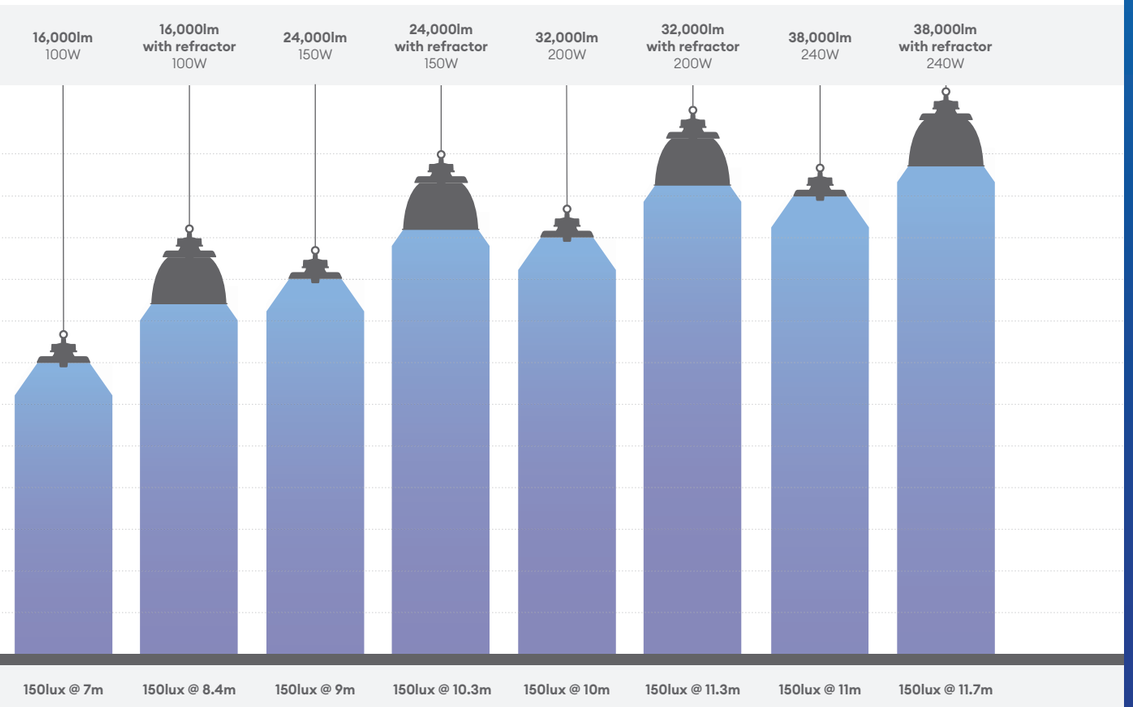
Area Bay - Open goods storage

Use the below for open goods storage areas (**200lux is ideal**).



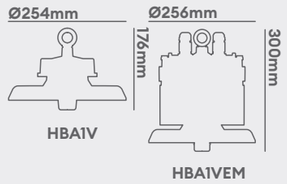
Area Bay - Rack storage floor

Use the below for rack storage floors (**150lux is ideal**).



- High efficacy of 160lm/W
- Very light weight for easy installation
- Emergency option available

Guarantee	5 years, 2 years on emergency battery
Wattage	100W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V, PWM and DALI-2)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 54,000h
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	1



Area Bay 16,000lm
100W

100W High bay luminaire (Replaces 2x80W T5)

2 year on site guarantee

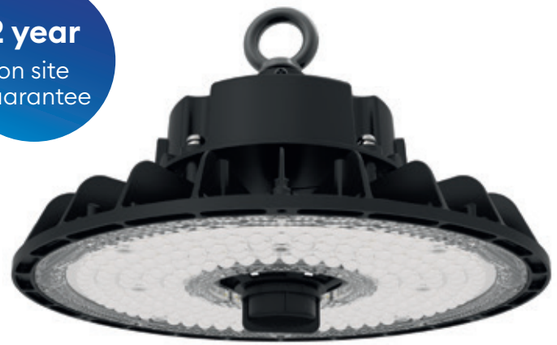
UGR22 Refractor

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
HBA1V	Matt black RAL9017	Standard	100W	4000K	110°	16000	160	-	C
HBA1VEM	Matt black RAL9017	Emergency	100W	4000K	110°	16000	160	650	C
HBA1D	Matt black RAL9017	DALI-2	100W	4000K	110°	16000	160	-	C

Area Bay 24,000lm
150W

150W High bay luminaire (Replaces 250W or 4X49W T5)

2 year on site guarantee



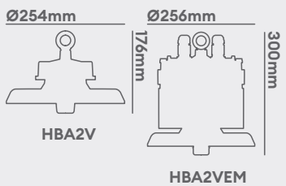
UGR22 Refractor

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Em lm
HBA2V	Matt black RAL9017	Standard	150W	4000K	110°	24000	160	-	C
HBA2VEM	Matt black RAL9017	Emergency	150W	4000K	110°	24000	160	650	C
HBA2D	Matt black RAL9017	DALI-2	150W	4000K	110°	24000	160	-	C

High bays

- High efficacy of 160lm/W
- Very light weight for easy installation
- Emergency option available

Guarantee	5 years, 2 years on emergency battery
Wattage	150W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V, PWM and DALI-2)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 54,000h
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	1

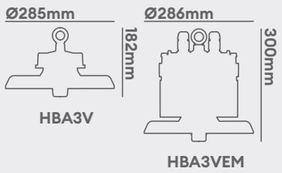


Area Bay 32,000lm
200W

200W High bay luminaire (Replaces 400W or 4x80W T5)

- High efficacy of 160lm/W
- Very light weight for easy installation
- Emergency option available

Guarantee	5 years, 2 years on emergency battery
Wattage	200W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V, PWM and DALI-2)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 54,000h
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	1



2 year on site guarantee

UGR22 Refractor

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
HBA3V	Matt black RAL9017	Standard	200W	4000K	110°	32000	160	-	C
HBA3VEM	Matt black RAL9017	Emergency	200W	4000K	110°	32000	160	650	C
HBA3D	Matt black RAL9017	DALI-2	200W	4000K	110°	32000	160	-	C

Area Bay 38,000lm
240W

240W High bay luminaire

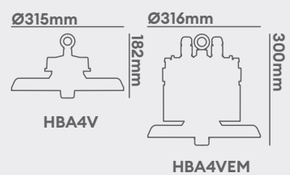
2 year on site guarantee

UGR22 Refractor

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
HBA4V	Matt black RAL9017	Standard	240W	4000K	110°	38400	160	-	C
HBA4VEM	Matt black RAL9017	Emergency	240W	4000K	110°	38400	160	650	C
HBA4D	Matt black RAL9017	DALI-2	240W	4000K	110°	38400	160	-	C

- High efficacy of 160lm/W
- Very light weight for easy installation
- Emergency option available

Guarantee	5 years, 2 years on emergency battery
Wattage	240W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V, PWM and DALI-2)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 54,000h
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	1



Area bay accessories

Make your area bay perfect for your installation

Optional microwave sensors, brackets and remote control accessories combine excellence and unrivalled cost savings.

Use the tables below to choose the perfect accessory

	HBPIR	HBDLS	HBPIRDLD	HBMWS	HBREM	HBLEMGREM	HBA12REFR (for 100W & 150W)	HBA3REFR (for 200W)	HBA4REFR (for 240W)	HBROD	HBBRA	HBBRAEXT	HBBRAEM
Accessory on its own													
Accessory on product					-								

Product Code	Type	Compatible with
HBPIR	Passive infra-red (PIR) motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	Area bay
HBDLS	Daylight harvesting sensor with photocell (Max. recommended mounting height is 13 metres)	Area bay
HBPIRDLD	Passive infra-red motion sensor with daylight threshold switch	Area bay
HBMWS	Microwave motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	Area bay
HBREM	Remote control for commissioning	Area bay
HBLEMGREM	High Bay, 6W 1000lm, Emergency Conversion Pack, Manual test	Area bay

Product Code	Type	Compatible with
HBA12REFR	80° prismatic refractor for intensifying light beam	Area bay
HBA3REFR	80° prismatic refractor for intensifying light beam	Area Bay
HBA4REFR	80° prismatic refractor for intensifying light beam	Area Bay
HBROD	HB Rod Mount 1.5M Kit (M20 thread for fixing)	Area Bay
HBBRA	HB Bracket Mount for Standard Luminaire	Area Bay
HBBRAEXT	HB Extended Bracket Mount for Standard Luminaire	Area Bay
HBBRAEM	HB Bracket Mount for Emergency Luminaire	Area Bay

Springbok Lite 11,000lm 80W

80W High bay luminaire (Replaces 150W or 2x80W T5)

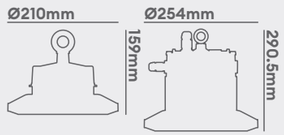
- High efficacy of 138lm/W
- Sensor kit includes junction box and counter weight
- Emergency option available

Guarantee	4 years (product), 2 years (battery), 2 years (on-site)
Wattage	80W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 54,000h
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C - 40°C
Electric class	1

2 year on site guarantee

UGR22 Refractor

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
HBL1N	Matt black RAL9017	Standard	80W	4000K	110°	11000	138	530	E
HBL1NEM	Matt black RAL9017	Emergency	80W	4000K	110°	11000	138	530	E



HBL1N

HBL1NEM

Springbok Lite 21,000lm 150W

150W High bay luminaire (Replaces 250W or 4X49W T5)

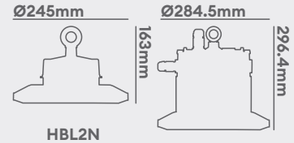
2 year on site guarantee

UGR22 Refractor

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
HBL2N	Matt black RAL9017	Standard	150W	4000K	110°	21000	140	530	E
HBL2NEM	Matt black RAL9017	Emergency	150W	4000K	110°	21000	140	530	E

- High efficacy of 140lm/W
- Sensor kit includes junction box and counter weight
- Emergency option available

Guarantee	4 years (product), 2 years (battery), 2 years (on-site)
Wattage	150W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 54,000h
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C - 40°C
Electric class	1

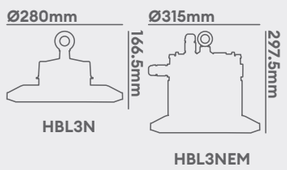


HBL2N

HBL2NEM

- **High efficacy of 135lm/W**
- **Sensor kit includes junction box and counter weight**
- **Emergency option available**

Guarantee	4 years (product), 2 years (battery), 2 years (on-site)
Wattage	200W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 54,000h
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C - 40°C
Electric class	1



Springbok Lite 27,000lm 200W

200W High bay luminaire (Replaces 400W or 4x80W T5)

2 year on site guarantee

UGR22 Refractor

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
HBL3N	Matt black RAL9017	Standard	200W	4000K	110°	27000	135	530	E
HBL3NEM	Matt black RAL9017	Emergency	200W	4000K	110°	27000	135	530	E

Springbok Lite accessories

Make your high bay perfect for your installation

Optional reflectors, refractor and microwave sensor accessories combine excellence and unrivalled cost savings. The reflector and its 80 degrees beam angle will intensify the lighting direction, while the refractor decreases its intensity, softening the glare.

Use the tables below to choose the perfect accessory

	HBL1REFR (for 80W)	HBL2REFR (for 150W)	HBL3REFR (for 200W)	HBLMWS	HBLEMGREM
Accessory on it's own					
Accessory on product					

Product Code	Type	Compatible with
HBL1REFR	80° prismatic refractor for intensifying light beam	Springbok Lite 80W
HBL2REFR	80° prismatic refractor for intensifying light beam	Springbok Lite 150W
HBL3REFR	80° prismatic refractor for intensifying light beam	Springbok Lite 200W
HBLMWS	Microwave sensor kit inc junction box and counterweight	Springbok Lite 80W, 150W & 200W
HBLEMGREM	High Bay, 6W 1000lm, Emergency Conversion Pack	Springbok Lite 80W, 150W & 200W
HBROD	HB Rod Mount 1.5M Kit (M20 thread for fixing)	Springbok Lite
HBBRA	HB Bracket Mount for Standard Luminaire	Springbok Lite
HBBRAEXT	HB Extended Bracket Mount for Standard Luminaire	Springbok Lite
HBBRAEM	HB Bracket Mount for Emergency Luminaire	Springbok Lite

Industrial

Low bays

High efficacy & savings

Quick payback

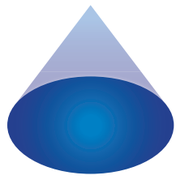
Provide slightly more light, whilst using much less power, resulting in excellent cost savings and quick payback

Energy rate £/kWh: £0.37	Existing fitting	Collingwood fitting
Average lamp life	12,000 hours	50,000 hours
Quality of fittings	100	100
Watts per fitting	400W	150W
Energy £/Year	**£129,293**	**£48,485**

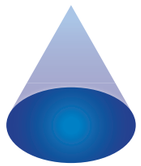
Beam angles

Symmetric vs asymmetric

Offering three different beam angles, the Lentus low bay can be used for general lighting or aisles.



120°
general lighting
(circular output)



90°
general lighting
(circular output)

50°x90°
aisle lighting
(rectangular output)

PIR bolt-on sensor

The sensor detects movement and allows the user to set up on/off control or two step-dim parameter.

Up to 6m high

Install as high as 6m high.

Quick attachment

Fast 4 minute conversion time.

Easy attachment

M20 interface for easy installation.

On/Off PIR control & daylight switching

Save energy and money.

PIRBOLT

PIRBOLTDIM

Dimming

1-10V

As standard, the Lentus low bays offer 1-10V dimming technology in a single driver, providing flexibility of control.

Easy installation

The low bay has been designed to be as easy as possible to install and maintain.

Lightweight

With its unique and skilful design, the Lentus low bay is extremely lightweight, allowing easy installation and maintenance whilst providing high lumen output.

Aisle spaces

50x90 lens optics provide a rectangular light distribution that is ideal for 3-5m racking aisles.

Compact

Smaller in size, so it can be installed by an individual.

Flicker free

In line with Collingwood values, the best electrical components have been included in the product design. This has resulted in our confidence to assert that the low bays are flicker free fittings.

Having flicker free low bays, results in a more comfortable working environment, and increases employee satisfaction, safety and productivity.

Lentus 100W

Linear Low Bay lighting, dimmable as standard 3-in-1

- **150lm/W** — High efficacy of 150lm/W
- **2.5kg** — Very light weight 2.5kg for easy installation
- **EM!** — Emergency option available

Guarantee	5 years, 2 years on emergency battery
Wattage	100W
IP rating	IP40
IK rating	IK08
Dimmable	Yes
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 50,000h
Emergency version available	Yes
Install connector type	Std - Flying Lead EM - Push-fit Term
Ambient temperature	Std -40°C - +50°C Em 0°C - +40°C
Electric class	1
Mounting options	Ceiling & suspended

2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

smart
Wireless available on request

Product code	Finish	Type	W	CCT	∠	lm	lm/W	EM lm	Energy
LB10040	White	Standard	100W	4000K	120°	15000	150	-	
LB10040E	White	Emergency	100W	4000K	120°	15000	150	340	

Lentus 150W

Linear Low Bay lighting, dimmable as standard 3-in-1

2 year on site guarantee

Bolt-on accessories
PIR or emergency bolt-on accessories available

smart
Wireless available on request

Product code	Finish	Type	W	CCT	∠	lm	lm/W	EM lm	Energy
LB15040	White	Standard	150W	4000K	120°	22000	147	-	
LB15040E	White	Emergency	150W	4000K	120°	22000	147	340	

- **147lm/W** — High efficacy of 147lm/W
- **2.5kg** — Very light weight 2.5kg for easy installation
- **EM!** — Emergency option available

Guarantee	5 years, 2 years on emergency battery
Wattage	150W
IP rating	IP40
IK rating	IK08
Dimmable	Yes
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 50,000h
Emergency version available	Yes
Install connector type	Std - Flying Lead EM - Push-fit Term
Ambient temperature	Std -40°C - +50°C Em 0°C - +40°C
Electric class	1
Mounting options	Ceiling & suspended

Lentus low bay accessories

Make your low bay perfect for your installation

Optional lenses, PIR sensors and emergency accessories combine excellence and unrivalled cost savings.
The lenses offer symmetric and asymmetric options.

Use the tables below to choose the perfect accessory for your low bay

	LBAL90	LBAL5090	LBACM
Accessory on its own			
Accessory on product			

Product Code	Type	Compatible with
LBAL90	90° beam angle replacement lenses	Lentus 100W & Lentus 150W
LBAL5090	50x90° asymmetric beam angle replacement lenses	Lentus 100W & Lentus 150W
LBACM	Surface mount kit	Lentus 100W & Lentus 150W

	PIRBOLT (PIR)	PIRBOLTDIM (PIR)	PIRBOLTDIMR (PIRBOLTDIM Remote)	EMBOLT... (Emergency)
Accessory on its own				
Accessory on product			-	

Product Code	Type	Compatible with
PIRBOLT	Bolt on PIR motion sensor	Lentus 100W & Lentus 150W
PIRBOLTDIM	Bolt on PIR dimming sensor (requires 0-10V driver)	Lentus 100W & Lentus 150W
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	Lentus 100W & Lentus 150W
EMBOLTMCOR	Manual test corrridor emergency bolt-on	Lentus 100W & Lentus 150W
EMBOLTMOPEN	Manual test open area lens emergency bolt-on	Lentus 100W & Lentus 150W
EMBOLTSCOR	Self-test corrridor emergency bolt-on	Lentus 100W & Lentus 150W
EMBOLTSOPEN	Self-test open area lens emergency bolt-on	Lentus 100W & Lentus 150W

Industrial floodlights

Industrial Floodlights

Easy installation

Tool free access

The skilfully designed bracket simplifies the floodlight installation, cutting down costs and time, by allowing tool free access to the fixing screws.

Angle stamped bracket

The floodlights have additional features included such as the mounting angles, which are stamped on the adjustable bracket for precise angles, along with star washers so the bracket can stay in the same position once angled.

1m cable

Installing the K2 floodlights couldn't be easier with a 1m of cable included for ease of installation, in line with Collingwood's demand for high quality, a nickel plated cable gland is included.

Daylight savings

Photocell kit accessory (PCELLKIT)

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 - 65W - 125W	3
Indy K3 - 125W - 200W	2
Indy K3 - 300W	1
K2 - 100W	2
K2 - 150W	2
K2 - 200W	Not compatible

Flicker free

In line with Collingwood values, the best electrical components have been included in the product design. This has resulted in our confidence to assert that the floodlights are flicker free fittings. Having flicker free floodlights, results in better visual comfort, and ensures a crisp image along side CCTV cameras.

Windage factors

Built for the toughest of environments

The windage factor for our range of floodlights are as follows:

K2 100W (4kg) 1.1m²
K2 150W (5kg) 1.12m²
K2 200W (5.6kg) 1.15m²
K3 65-125W (2.5kg) 1.39m²
K3 125-200W (4.5kg) 1.09m²
K3 300W (7.1kg) 0.74m²

IP65 & IK08

Built for the toughest of environments

Durable and versatile, the K2 floodlights are IP65 rated and are suitable for outdoors, whether it is for a large warehouse, loading bays, or car parks.

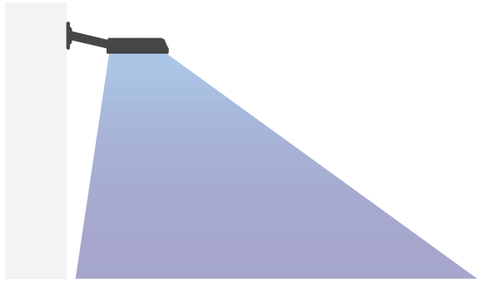
The breather vent maintains the IP65 rating and prevents condensation. This prevents product losing output or product failure.

IP65 IK08

Beam angle

Asymmetric

Asymmetric beam angles concentrate light where it is needed by using reflectors to direct light in front of the fixture and minimising light spill.



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

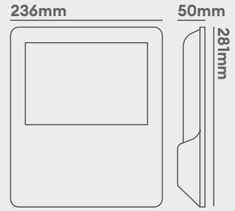
Low Mid High

Indy K3 65-80-125W

Wattage Switchable Symmetrical Floodlight

- High efficacy up to 156lm/W
- Wattage switchable between 65-125W
- Suitable for use in coastal applications

Guarantee	5 years (product), 2 years (on-site)
Wattage	65 / 80 / 125
IP rating	IP65
IK rating	IK07
Tiltable	180°
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 50,000h
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	1



2 year on site guarantee

Photocell accessory PCELLKIT
compatible, 3 floodlights per photocell

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
IFLB1N30	Black	65	3000K	120°	9500	146	E
		80	3000K	120°	12000	150	
		125	3000K	120°	19000	152	
IFLB1N40	Black	65	4000K	120°	10000	154	D
		80	4000K	120°	12500	156	
		125	4000K	120°	19500	156	

Indy K3 125-165-200W

Wattage Switchable Symmetrical Floodlight

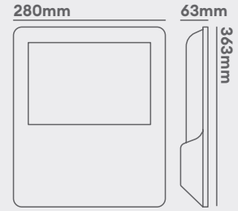
2 year on site guarantee

Photocell accessory PCELLKIT
compatible, 2 floodlights per photocell

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
IFLB2N30	Black	125	3000K	120°	19000	152	E
		165	3000K	120°	24500	148	
		200	3000K	120°	27000	135	
IFLB2N40	Black	125	4000K	120°	19500	156	D
		165	4000K	120°	25000	156	
		200	4000K	120°	27500	152	

- High efficacy up to 152lm/W
- Wattage switchable between 125-200W
- Suitable for use in coastal applications

Guarantee	5 years (product), 2 years (on-site)
Wattage	125 / 165 / 200
IP rating	IP65
IK rating	IK07
Tiltable	180°
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 50,000h
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	1

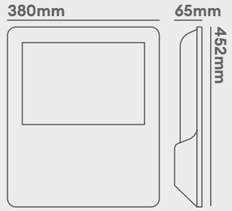


Indy K3 300W

Symmetrical floodlight suitable for commercial and industrial applications

- **147lm/W** — High efficacy up to 147lm/W
- **300W** — High power 300W
- Suitable for use in coastal applications

Guarantee	5 years (product), 2 years (on-site)
Wattage	300
IP rating	IP65
IK rating	IK07
Tiltable	180°
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 50,000h
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C - 40°C
Electric class	1



2 year on site guarantee

Photocell accessory PCELLKIT
compatible, 1 floodlight per photocell

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
IFLB3N30	Black	300	3000K	120°	44000	147	D
IFLB3N40	Black	300	4000K	120°	44500	138	D

K2 100W

Aluminium Industrial Floodlight, up to 114lm/W, IP65 & IK08 rated

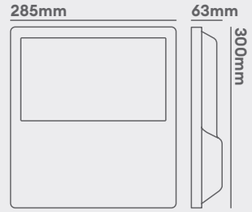
2 year on site guarantee

Photocell accessory PCELLKIT
compatible, 2 floodlights per photocell

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
IFL10BX30100150	Black	100W	3000K	100°x150°	11400	114	E

- **114lm/W** — High efficacy of 114lm/W
- Quick and easy installation with angle stamped brackets
- **IP65** — IP65 suitable for outdoor environments

Guarantee	5 years
Wattage	100W
IP rating	IP65
IK rating	IK08
Tiltable	180°
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 50,000h
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	1

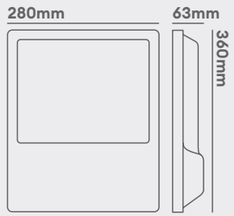


K2 150W

Aluminium Industrial Floodlight, up to 114lm/W, IP65 & IK08 rated

- 114lm/W — High efficacy of 114lm/W
- Quick and easy installation with angle stamped brackets
- IP65 — IP65 suitable for outdoor environments

Guarantee	5 years
Wattage	150W
IP rating	IP65
IK rating	IK08
Tiltable	180°
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 50,000h
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	1



2 year on site guarantee

Photocell accessory PCELLKIT
compatible, 2 floodlights per photocell

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
IFL15BX30100150	Black	150W	3000K	100°x150°	17100	114	E
IFL15BX40100150	Black	150W	4000K	100°x150°	17100	114	D

K2 200W

Aluminium Industrial Floodlight, up to 111lm/W, IP65 & IK08 rated

2 year on site guarantee

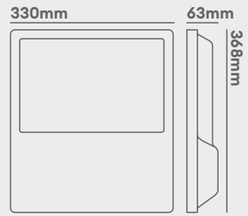
Photocell accessory
Not compatible

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
IFL20BX30100150	Black	200W	3000K	100°x150°	22000	111	E
IFL20BX40100150	Black	200W	4000K	100°x150°	22200	111	D

Industrial floodlights

- 111lm/W — High efficacy of 111lm/W
- Quick and easy installation with angle stamped brackets
- IP65 — IP65 suitable for outdoor environments

Guarantee	5 years
Wattage	200W
IP rating	IP65
IK rating	IK08
Tiltable	180°
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L80 50,000h
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	1



Industrial

Ready for **landscape season**

Check out our vast range of high quality landscape lighting

Scan the QR code

to visit our
landscape range

Landscape 2024

View the rest of our range at www.collingwoodlighting.com

Ground light

GL019

Discreet yet powerful, our IP68 rated ground lights are perfect for outdoor and indoor use. Available in ultra-low glare through to frosted. Their small size makes them perfect for accent lighting.

Spike light

SL220

Stylish and versatile. With a 90° vertical and horizontal tilt, spike lights bring outdoor features and spaces to life. Available in four colour finishes, IP65 rated, these low energy lights can be adjusted as your garden grows.

Marker light

GL100 & GL200

Perfect for paths and steps, these domed lights are constructed of marine grade stainless steel or brass and comes with a 7-year warranty.

Hooded light

GL019 Eyelid

For steps, wall or ground lighting, hooded design directs light across the surface whilst reducing glare and eliminating upward light spill. Available in stainless steel and black finishes.

Rotatable spot

UL030 & UL010

A stylish swivel mounted outdoor light. Engineered to last with a 70,000hr life span and IP68 rated, this fully submersible light is the ideal way to bring your pond, swimming pool or landscape to life.

LED line

Volta wall washer

Ideal for highlighting architectural features, our LED line washes the facade of your property with light, whilst minimising light spill.

1901

Design your light
Configure your solution in seconds

Over a century of design, expertise and innovation in lighting. The 1901 collection is elegantly understated, and yet infinitely customisable. Emitting an unparalleled quality of light, these LED luminaires add radiance to a room, whilst enhancing the purity of the natural colours.

Each downlight, spot light and pendant are custom built and hand finished to your specification.
This design versatility, creates a limitless collection to complement each space. A uniform and stylish look, with layers of light that flow seamlessly throughout a room, or the entire property.

Your lighting scheme, your way, without compromise.

Scan the QR code

to visit our online configurator and build your perfect 1901 product

Pendants

- Semi-recessed or surface mounted
- Cable options
- IP44
- 12°, 24° or 50° beam angles
- 2700K, 3000K or 4000K
- Dim to Warm available
- DALI2, Mains or 1-10V dimmable

Spots

- Semi-recessed or surface mounted
- Adjustable
- IP44
- 12°, 24° or 50° beam angles
- 2700K, 3000K or 4000K
- Dim to Warm available
- DALI2, Mains or 1-10V dimmable

Fire-rated downlights

- Round or square
- Fixed or adjustable
- Bezel or plaster-in trimless
- IP44 or IP65
- 12°, 24° or 50° beam angles
- 2700K, 3000K or 4000K
- Dim to Warm available
- DALI2, Mains or 1-10V dimmable

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Available to **order** or **download** now, for our full portfolio of Collingwood products.

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