COLLINGWOOD

LIGHTING

LIGHTING INNOVATION

ESSENTIALS

NOVEMBER 2025

By INOVARA

INOVARA
GROUP

PREPARE TO BE ENLIGHTENED

Welcome to Inovara. The culmination and new home of Collingwood, Nobile, and Indigo. We bring together technically advanced skills, innovative backgrounds, sustainability-focused and forward-thinking minds, and data-driven lighting solutions to empower you and your business. With our support and expertise, you'll feel enabled to make confident, future-proof decisions that set new benchmarks in the development of sustainable properties within the residential, commercial, industrial, and landscape sectors.

But our commitment is far-reaching. Our pan-European presence is indeed strong, but with our newly formed capabilities and scalability, we have the stability and long-term market presence to grow yet further. Our focus is on you, your future, the sustainability of your projects, and our commitment in delivering an impeccably designed solution for your LED lighting integration. We can achieve all of that by being your global-thinking partner – a strategic partner, not just a product supplier.

Introducing the strength of Inovara. Lighting innovation.

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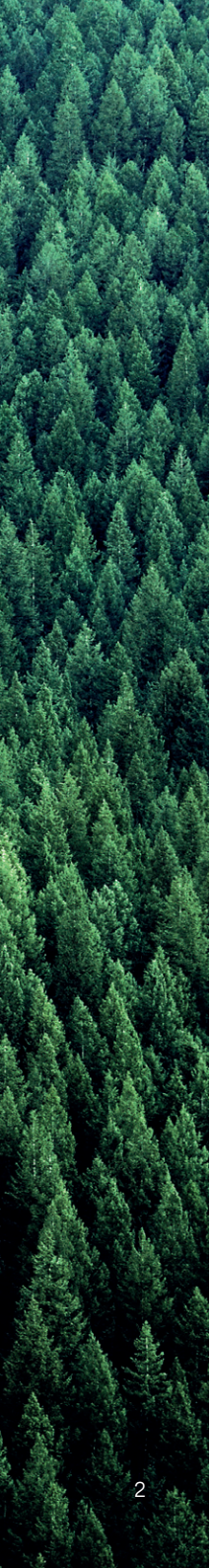


LIGHT A BETTER FUTURE

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.

Bronze medal EcoVardis

Methodology built on international sustainability standards. EcoVadis is the world's largest and most trusted provider to rate our business and provide you with transparency about our environmental, social and ethical performance - or sustainability.
We are pleased to share that our sustainability efforts this past year has increased our score from 60 to 63, earning EcoVardis bronze medal. Placing us in the top 19%

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.

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 Lite CSP

Downlight

Page 13

2 x Wattage & 4 x colour switchable fire rated downlight.

H2 Lite Select

Downlight

Pages 14

Colour switchable fire rated downlight. Choice of colours available

WL95 Versa

Bulkhead

Pages 68-73

Wattage & colour switchable bulkheads with plug-in accessories.

GenBay

High Bay

Page 122-125

Stock more high bays using less space with our new ultra slim 48mm design.

RackBay CSP

Open area now available

Pages 129, 131

Range extension of our RackBay now includes 110° Open area, in two options.

Emergency Range

Pages 80-88

Compliant lighting you can trust, with improved performance and 5 year warranty.

RESIDENTIAL DOWNLIGHTS

H2 Lite and H2 Pro Extreme

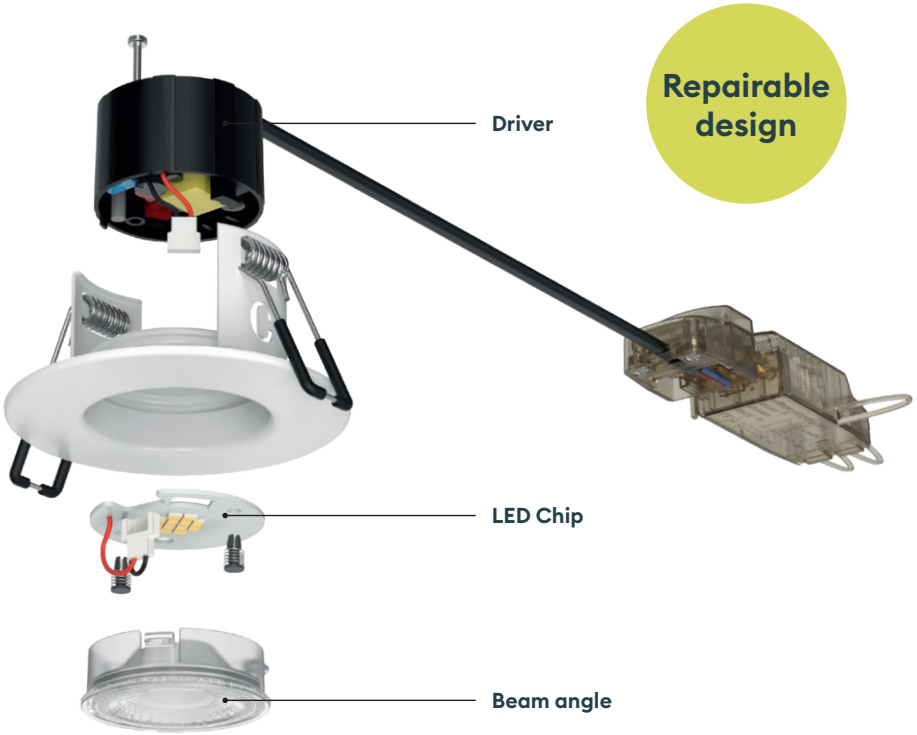
Upgradeable, Re-useable, lights that lasts

With approximately 5 million units supplied to a wide range of customers, H2 Lite, 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

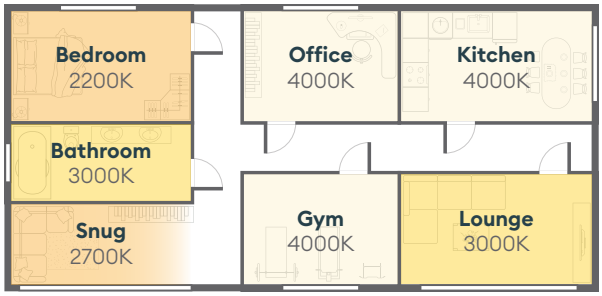
One light, three or four colour temperatures

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.



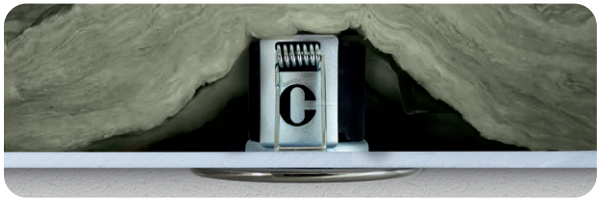
Insulation coverable

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

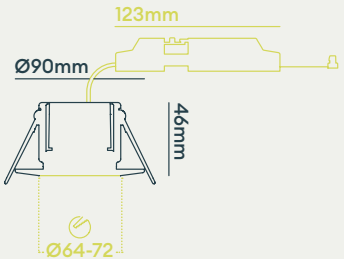
Our downlights have undergone vigorous testing to ensure they are perfect for use with I-joists, metal web and solid timber ceiling types.

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	Fixed
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	64-72
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



H2 LITE FIXED

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

10 years guarantee

Repairable design

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	

Energy rating is a reflection of the LED light source.

H2 LITE CSP

Wattage & CCT Switchable residential downlight

7 years guarantee

Multipack
10 x H2 Lite CSP
White bezel included

Switches under bezel

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
DLT551500B	White bezel included	Single unit	4W	2200K	55°	460	115	
				2700K	55°	520	130	
				3000K	55°	560	140	
				4000K	55°	580	145	
			6W	2200K	55°	630	105	
				2700K	55°	720	120	
				3000K	55°	750	125	
				4000K	55°	780	130	
DLT551500B10	White bezel included	Multipack x 10	4W	2200K	55°	460	115	
				2700K	55°	520	130	
				3000K	55°	560	140	
				4000K	55°	580	145	
			6W	2200K	55°	630	105	
				2700K	55°	720	120	
				3000K	55°	750	125	
				4000K	55°	780	130	

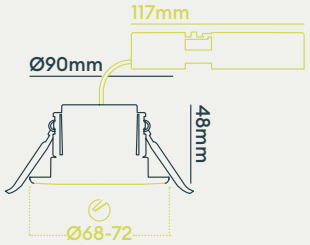
Energy rating is a reflection of the LED light source.

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

Innovative smooth glide clip design for smooth installation

Front switches allow you to choose options at installation

Guarantee	7 Years (product)
Connector	2 part first fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (TRIAC)
Tiltable	Fixed
CRI	CRI>80
Input	220-240V AC
SELV	No
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	68-72mm
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



H2 LITE SELECT

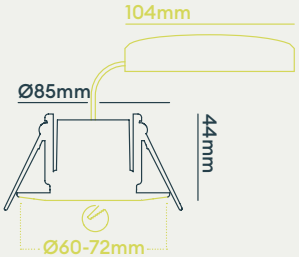
CCT Switchable residential downlight

Colour switchable between 2700K, 3000K and 4000K

Up to 130lm/W

Shallow depth of 44MM

Guarantee	5 years (product)
Connector	2 part first fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (TRIAC)
Tiltable	Fixed
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	60-72mm
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



Multipack
10 x H2 Lite Select
White bezel included

CCT switch on back of product

Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Energy
DLT389BLK	Black Bezel	Single unit	5W	2700K	55°	600	120	
				3000K	55°	650	130	D
				4000K	55°	650	130	
DLT389BS	Brushed steel	Single unit	5W	2700K	55°	600	120	
				3000K	55°	650	130	D
				4000K	55°	650	130	
DLT389MW	White Bezel	Single unit	5W	2700K	55°	600	120	
				3000K	55°	650	130	D
				4000K	55°	650	130	
DLT389MWA10	White Bezel	Multipack x 10	5W	2700K	55°	600	120	
				3000K	55°	650	130	D
				4000K	55°	650	130	

Energy rating is a reflection of the LED light source.

H4 LITE CSP

Colour & Wattage Switchable using switches on the back of product

7 years guarantee

Switches on back of product

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
DLT661600A	White bezel included	4W	2700K	55°	450	112	D

Energy rating is a reflection of the LED light source.

Product code	Type	Finish
DLT661BLKBZ	Round bezel	Black
DLT661BSBZ	Round bezel	Brushed steel

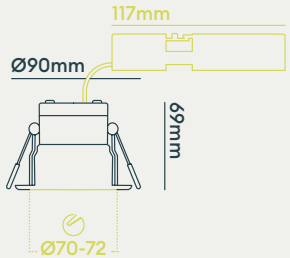
RESIDENTIAL DOWNLIGHTS

Colour switchable between 2700K, 3000K and 4000K

Wattage Switchable between 4W & 6W

Switches allow you to choose

Guarantee	7 years
Connector	2 part first fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (TRIAC)
Tiltable	30°
CRI	CRI>80
Input	220-240V AC
SELV	No
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	70-72
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



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

H2 SENSE

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

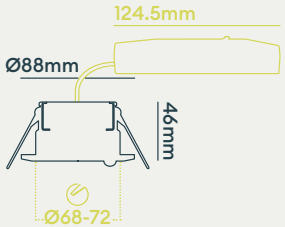
Colour switchable between 2700K, 3000K and 4000K

PIR light for switching lights OFF that keep getting left ON

High efficacy up to 113lm/W

Integral **PIR**

Guarantee	5 years
Connector	Integrated terminals, loop-in/ loop-out
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	No
Tiltable	Fixed
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	68-72
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



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	

Energy rating is a reflection of the LED light source.

BEZEL & EMERGENCY OPTIONS

Choose between white, black or brushed steel 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

H2 DECO CSP

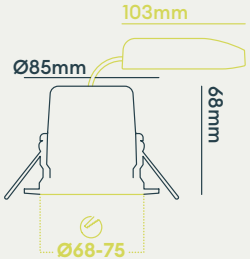
Wattage & CCT Switchable Architectural Downlight

Designed for living spaces to suit architectural decor

True low glare UGR19 as opposed to perceived low glare

Wattage Switch enables range from 500 up to 900 lumens

Guarantee	5 years
Connector	Loop in / Loop out
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	Fixed
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	72–75
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



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

Energy rating is a reflection of the LED light source.

H2 DECO CSP

Wattage & CCT Switchable Architectural Downlight

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

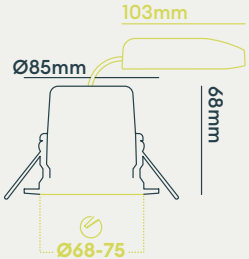
Energy rating is a reflection of the LED light source.

Designed for living spaces to suit architectural decor

True low glare UGR19 as opposed to perceived low glare

Wattage Switch enables range from 500 up to 900 lumens

Guarantee	5 years
Connector	Loop in / Loop out
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (Mains)
Tiltable	Fixed
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	72–75
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



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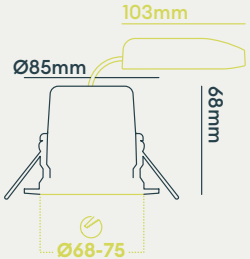
Tiltable	Fixed
CRI	CRI>80
Input	220-240V AC
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size (mm)	72–75
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



Product code	Finish	Reflector	W	CCT	∠	lm	lm/W	Energy
H2D1WHIWHI	White	White	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	

Energy rating is a reflection of the LED light source.

H2 PRO EXTREME CSP

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

Repairable design

Product code	Finish	W	CCT	⌓	lm	lm/W	Energy
H2EXT1A	Anthracite	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	

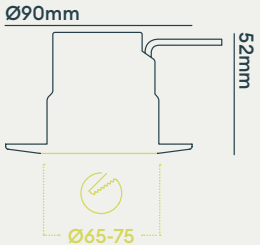
Energy rating is a reflection of the LED light source.

IP65 from above and below for total protection

Suitable for use in coastal applications

New 2200K to minimise effects of blue light

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



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

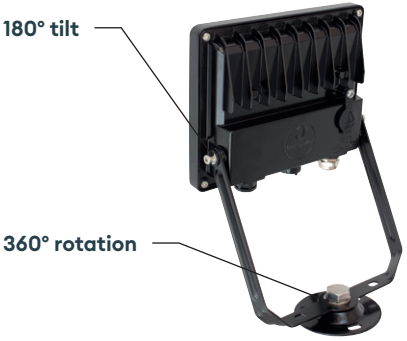
The product has a circular bracket at the end which allows it to be rotated in any direction.
Once installed onto a wall, the light can be pointed in any direction with ease.

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.

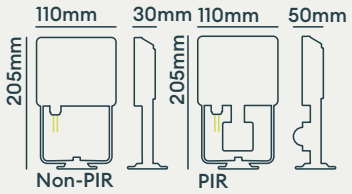
RESIDENTIAL FLOODLIGHTS

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	I



FL01

10W colour switchable floodlight suitable for 6.5m height

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	

Energy rating is a reflection of the LED light source.

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	

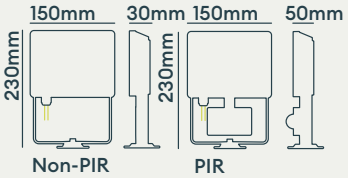
Energy rating is a reflection of the LED light source.

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	I



FL03

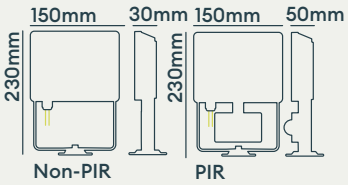
30W colour switchable floodlight suitable for 11m height

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	I



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	

Energy rating is a reflection of the LED light source.

FL05

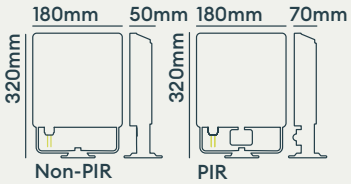
50W colour switchable floodlight suitable for 15m height

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	

Energy rating is a reflection of the LED light source.

- **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	I



FL10

100W colour switchable floodlight suitable for 20m height

118lm/W **High efficacy of up to 118lm/W**

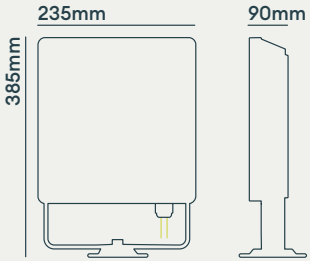
First fix bracket for quick & easy installation

Ideal for coastal areas

3 in 1
stock less & sell more

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

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	
				4000K	120°	11810	118	4926	E
				6500K	120°	10970	110	4575	

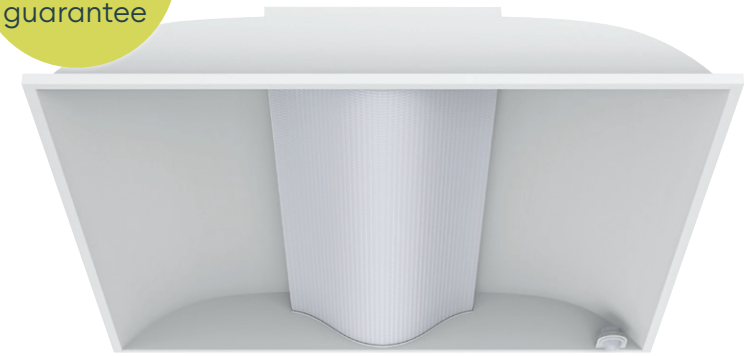
Energy rating is a reflection of the LED light source.

PANELS

TRINITY VERSA

600 x 600 Direct/Indirect UGR19 Recessed Modular

2 years on site guarantee



PANELS

UGR19 **UGR19**

Wattage switchable from 13W to 26W

156lm/W **Ultra-efficient up to 156 Llm/W**

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	13-16-18-20-26W
IP rating	IP20
Dimmable	Yes (DALI-2, PUSH-DIM)
UGR	19
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, Manual, Self and DALI-2 Test
Connector	Easy-fit connector
Electric class	II

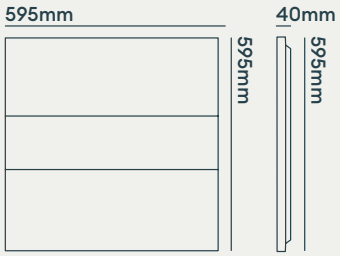
Product code	Dimming	Driver	UGR	W	CCT	∠°	lm	lm/W	Energy
TRI66N40	On-Off	Mains	19	13W	4000K	80°	1900	146	A B
				16W	4000K	80°	2500	156	
				18W	4000K	80°	2800	156	
				20W	4000K	80°	3100	155	
				26W	4000K	80°	3700	142	

Energy rating is a reflection of the LED light source.

Product code	Description
TRIONOFFPIR	On/Off PIR sensor (adjustable time delay, sensitivity, day light switching)

*Emergency pack sold seperately

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



SOLIS 600 X 600

Wattage Switchable UGR19 Panel with 2-Part Connector

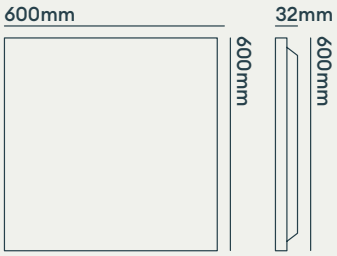
UGR19 Low Glare

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

Emergency option is available with LEDEP10

2 years on site guarantee

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	27-32W
IP rating	IP40
Dimmable	Non-Dim (DALI-2, 0-10V, PUSH-DIM options available)
UGR	19
TP rating	TP(a)
Input	220-240V AC
Emergency version available	Yes, using converter
Connector	2 part first fit connector
Electric class	II



Product code	Type	W	UGR	Driver	CCT	∠°	lm	lm/w	Energy
SOL66N19D40	Wattage switchable	27W	19	On-Off	4000K	90°	3500	130	D
		32W					4200	130	
SOL66X19D40	Wattage switchable	27W	19	Use driver PS6501100MA or DRV3001050	4000K	90°	3500	130	D
		32W					4200	130	

Energy rating is a reflection of the LED light source.

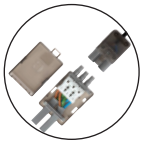
*Emergency pack sold seperately

Product code	Description
LEDEP10	Emergency converter, Manual & Self-test switchable, maintained

SOLIS 1200 X 300

1200 x 300 LED panel

2 years 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	Use driver PS6501100MA or EUP30T1HMC0	DALI2/0-10V/Push-Dim or TRIAC Mains Dim	4000K	90°	3450	115	D

Energy rating is a reflection of the LED light source.

*Emergency pack sold seperately

Product code	Description
LEDEP10	Emergency converter, Manual & Self-test switchable, maintained

PANELS

UGR16 **Low UGR with UGR16 available**

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

EM! **Emergency option is available with LEDEP10**

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
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	II

SOLIS 1200 X 600

1200 x 600 LED panel

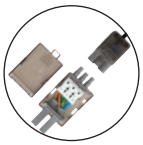
Low UGR with UGR19 available

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

Emergency option is available with LEDEP10

2 years on site guarantee

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
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	II



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	Use driver TR28000677	DALI2/0-10V/Push-Dim	4000K	90°	6600	110	D

Energy rating is a reflection of the LED light source.

*Emergency pack sold seperately

Product code	Description
LEDEP10	Emergency converter, Manual & Self-test switchable, maintained

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	-
Wattage switchable driver	DRV3001050	DRV3001050	DRV3001050
Emergency pack	LEDEP10	LEDEP10	LEDEP10
Emergency pack	LEDEP10EM	LEDEP10EM	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 & 1200x300
DRV3001050	Driver for converting your Solis panel (maximum 40W) to wattage switchable	Solis 600x600 & 1200x300
LEDEP10	Emergency pack for converting panels into emergency manual-test & self-test switchable	Solis 600x600, 1200x300 & 1200x600, Trinity Versa
LEDEP10EM	Emergency pack for converting panels into emergency manual-test option	Solis 600x600, 1200x300 & 1200x600, Trinity Versa

BATTENS

Wattage switchable

One light, four wattage outputs

Uniform Versa & Borealis Versa provides four outputs in one product, resolving the need for a single or twin option and adding flexibility on site.

Product	Wattage output	Lumen output (max)
Uniform Versa 5ft	30 - 35 - 40 - 45W	4500 - 5250 - 6000 - 6750lm

Product	Wattage output	Lumen output (max)
Borealis Versa 4ft	18 - 25 - 31 - 37W	2775 - 3750 - 4650 - 5550lm
Borealis Versa 5ft	28 - 38 - 48 - 56W	4200 - 5700 - 7200 - 8400lm
Borealis Versa 6ft	33 - 45 - 56 - 67W	5025 - 6750 - 8400 - 10050lm

Highest wattage is default setting

CCT switchable (Borealis Versa)

One light, three CCT temperatures

Our colour switchable Borealis Versa allow you to stock
3 colour temperatures in 1 product (3000K, 4000K & 5700K).

3000K
Warm White

4000K
Cool White (default)

5700K
Daylight

IK06 & IP44 or IP20

High impact resistance ensures that accidental collisions will not adversely effect the performance of the product. Combine this with IP44 rated for Uniform Versa and IP20 for Borealis Versa, allows the product to be used in a wide range of applications.

IK06 IP44 IP20

Emergency & 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

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

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

Surface mounted

7 year warranty

Offering a seven year warranty on our Versa range so you can be assured of our commitment to quality.

Borealis Versa easy installation

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.

UNIFORM VERSA 5FT

Wattage Switchable UGR19 Linear with plug-in Versabox accessories

Wattage switchable 30W, 35W, 40W & 45W, 4500lm to 6750lm

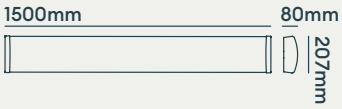
Ultra-efficient up to 150 Llm/W

UGR19 compliant low glare lighting

2 years on site guarantee

UGR19

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
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	Yes, Manual, Self and DALI-2 Test
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	I



Product code	Finish	Dimmable	W	CCT	∠	lm	lm/W	Energy
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	

Energy rating is a reflection of the LED light source.

*Accessory sold seperately

Product code	Description
UNVKITMWS	Microwave Sensor on/off plugin

UNIFORM 5FT

1500mm Surface Linear

2 years on site guarantee

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

UGR22

Product code	Finish	Dimmable	Type	W	CCT	∠	lm	lm/W	Energy
UNL5SD	White RAL9016	DALI-2 dimmable	-	30W	4000K	120°	4500	150	B
UNL5SDE	White RAL9016	Emergency DALI-2 dimmable	Emergency	30W	4000K	120°	4500	150	B
UNL5SN	White RAL9016	Non-Dimmable with Wattage Output Switch	-	20W	4000K	120°	3000	150	B
				23W	4000K	120°	3450	150	
				26W	4000K	120°	3984	150	
				30W	4000K	120°	4500	150	
UNL5SNE	White RAL9016	Non-Dimmable with Wattage Output Switch	Emergency	20W	4000K	120°	3000	150	B
				23W	4000K	120°	3450	150	
				26W	4000K	120°	3900	150	
				30W	4000K	120°	4500	150	

Energy rating is a reflection of the LED light source.

BATTENS

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), 2 years (on-site)
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	I

UNIFORM 4FT

1200mm Surface Linear

Wattage switchable between 20W, 23W, 26W & 30W

Ultra-efficient up to 150 Llm/W

Quick and easy installation with Push-fit terminal

2 years on site guarantee

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

UGR22

Guarantee	5 years (product), 3 years (emerg battery), 2 years (on-site)
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	I

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	Emergency DALI-2 dimmable	Emergency	30W	4000K	120°	4500	150	
UNL4SN	White RAL9016	Non-Dimmable with Wattage Output Switch	-	20W	4000K	120°	2822	150	
				23W	4000K	120°	3383	150	
				26W	4000K	120°	3984	150	
				30W	4000K	120°	4500	150	
UNL4SNE	White RAL9016	Non-Dimmable with Wattage Output Switch	Emergency	20W	4000K	120°	2822	150	
				23W	4000K	120°	3383	150	
				26W	4000K	120°	3984	150	
				30W	4000K	120°	4500	150	

Energy rating is a reflection of the LED light source.

UNIFORM 6FT

1800mm Surface Linear

2 years on site guarantee

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

UGR22

Product code	Finish	Dimmable	Type	W	CCT	∠	lm	lm/W	Energy
UNL6SD	White RAL9016	DALI-2 dimmable	-	30W	4000K	120°	4500	150	B
UNL6SDE	White RAL9016	Emergency DALI-2 dimmable	Emergency	30W	4000K	120°	4500	150	B
UNL6SN	White RAL9016	Non-Dimmable with Wattage Output Switch	-	20W	4000K	120°	2822	150	B
				23W	4000K	120°	3383	150	
				26W	4000K	120°	3984	150	
				30W	4000K	120°	4500	150	
UNL6SNE	White RAL9016	Non-Dimmable with Wattage Output Switch	Emergency	20W	4000K	120°	2822	150	B
				23W	4000K	120°	3383	150	
				26W	4000K	120°	3984	150	
				30W	4000K	120°	4500	150	

Energy rating is a reflection of the LED light source.

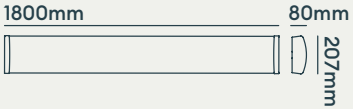
BATTENS

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), 2 years (on-site)
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	I



BOREALIS VERSA 4FT

CCT Colour & Wattage Switchable Batten with plug-in Versabox accessories

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

Suspended gear tray for easy installation

2 years on site guarantee

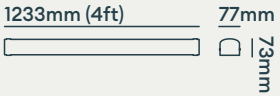
Bolt-on accessories
PIR or emergency bolt-on accessories available

Plug-in kits available

Guarantee	Warranty: 7 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	18-37W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 40°C
Electric class	I

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
BT4N	White	Standard	18W	3000K	120°	2590	144	
				4000K	120°	2775	154	C
				5700K	120°	2775	154	
			25W	3000K	120°	3500	144	
				4000K	120°	3750	154	C
				5700K	120°	3750	154	
			31W	3000K	120°	4340	144	
				4000K	120°	4650	154	C
				5700K	120°	4650	154	
			37W	3000K	120°	5180	144	
				4000K	120°	5550	154	C
				5700K	120°	5550	154	

Energy rating is a reflection of the LED light source.



BOREALIS VERSA 5FT

CCT Colour & Wattage Switchable Batten with plug-in Versabox accessories

2 years on site guarantee

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

Plug-in kits available

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
BT5N	White	Standard	28W	3000K	120°	3920	140	
				4000K	120°	4200	150	C
				5700K	120°	4200	150	
			38W	3000K	120°	5320	140	
				4000K	120°	5700	150	C
				5700K	120°	5700	150	
			48W	3000K	120°	6720	140	
				4000K	120°	7200	150	C
				5700K	120°	7200	150	
			56W	3000K	120°	7840	140	
				4000K	120°	8400	150	C
				5700K	120°	8400	150	

Energy rating is a reflection of the LED light source.

BATTENS

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

Suspended gear tray for easy installation

Guarantee	Warranty: 7 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	28-56W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 40°C
Electric class	I

BOREALIS VERSA 6FT

CCT Colour & Wattage Switchable Batten with plug-in Versabox accessories

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

Suspended gear tray for easy installation

2 years on site guarantee

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

Plug-in kits available

Guarantee	Warranty: 7 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	33-67W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-20°C - 40°C
Electric class	I

Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Energy
BT6N	White	Standard	33W	3000K	120°	4690	142	
				4000K	120°	5025	152	C
				5700K	120°	5025	152	
			45W	3000K	120°	6300	140	
				4000K	120°	6750	150	C
				5700K	120°	6750	150	
			56W	3000K	120°	7840	140	
				4000K	120°	8400	150	C
				5700K	120°	8400	150	
			67W	3000K	120°	9380	140	
				4000K	120°	10050	150	C
				5700K	120°	10050	150	

Energy rating is a reflection of the LED light source.

PLUG-IN KITS & ACCESSORIES

Make your batten perfect for your installation

Optional Plug & Play kits and accessories for the perfect installation

PLUG & PLAY KITS (Uniform Versa)

Product code	Description	Unifrom Versa
UNVKITMANEM	Manual Test Emergency plug-in Versabox	●
UNVKITSELFEM	Self Test Emergency plug-in Versabox	●
UNVKITMWS	Microwave Sensor on/off plug-in kit	●
UNREMOTEMWS	Remote for Microwave Sensor	●

PLUG & PLAY KITS (Borealis Versa)

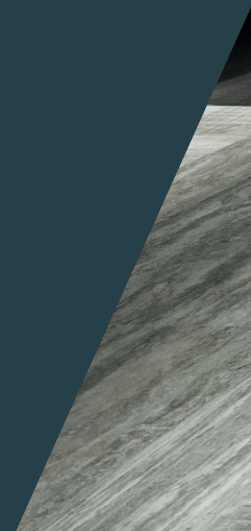
Product code	Description	Borealis Versa
ACKITMANEM	Manual Test Emergency plug-in Versabox	●
ACKITSELFEM	Self Test Emergency plug-in Versabox	●
ACKITMWS	Microwave Sensor on/off plug-in kit	●
ACKITMWSDIM	Microwave Sensor Dim plug-in Versabox (requires 0-10V driver)	●*
ACREMOTEMWS	Remote for Microwave Sensor	●

* Assembled on demand by Collingwood production.

ACCESSORIES

Product code	Description	Borealis Versa	Uniform Versa	Uniform
PIRBOLT	M20 Bolt-on PIR On/Off with lux level switch	●	●	●
PIRBOLTDIM	M20 Bolt-on PIR Step-Dim with lex level switch (requires 0-10V driver)	●	●	●
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	●	●	●
EMBOLTMCOR	3 hour emergency conversion pack, corridor area, manual test	●	●	●
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	●	●	●
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	●	●	●
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	●	●	●

COMMERCIAL DOWNLIGHTS

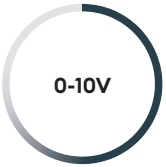


Dimming options

As each installation is unique and has individual requirements, choose between mains, DALI or 0-10V dimming options.

If your product has an integrated mains dimmable driver, no separate driver is required. This is classed as a 'straight to mains' product.

A DALI system can be structured in a way which allows LEDs to respond to certain rooms or zones. Each LED in the same zone will dim an equal amount.



The 0-10V system allows all the LEDs which are connected to the 0-10V driver dim to an equal amount. Up to 10 power supplies can be linked to one dimmer for dimming multiple fittings.

Converter plate (Thea Lite CSP)

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.

Thea Lite with DL801MW

Product code	Compatible with
DL801MW	Thea Lite CSP 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 LITE CSP 100MM

Colour Switchable IP54 Downlight

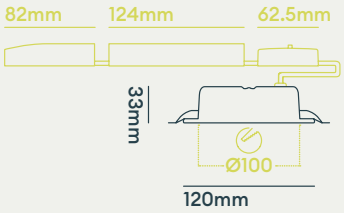
Colour temperature switchable, 3000K-4000K-6000K

Highly efficient up to 120 Llm/W ensures low running costs

Quick and easy installation with plug & play connectors

2 years on site guarantee

Guarantee	5 years (product), 3 years (emergency), 2 years (on-site)
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 (mm)	100
Electric class	II



Product code	Finish	Dimmable	Driver	W	CCT	∠°	lm	lm/W	Energy
THL1T	White RAL9003	Mains-Dim	Driver Included Mains	10W	3000K	80°	1100	110	
					4000K	80°	1200	120	C
					6000K	80°	1200	120	
THL1X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	10W	3000K	80°	1100	110	
					4000K	80°	1200	120	C
					6000K	80°	1200	120	
THLB1T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	10W	3000K	80°	1000	100	
					4000K	80°	1100	110	C
					6000K	80°	1100	110	

Energy rating is a reflection of the LED light source.

*Emergency pack sold seperately

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

THEA LITE CSP 150MM

Colour Switchable IP54 Downlight

2 years on site guarantee

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

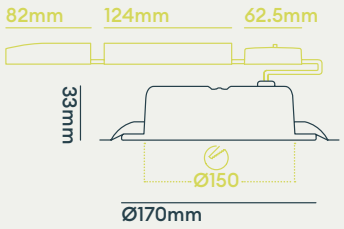
Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm/W	Energy
THL2T	White RAL9003	Mains-Dim	Driver Included Mains	14W	3000K	90°	1550	111	
					4000K	90°	1680	120	
					6500K	90°	1680	120	
THL2X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	14W	3000K	90°	1550	111	
					4000K	90°	1680	120	
					6500K	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	

Energy rating is a reflection of the LED light source.

*Emergency pack sold seperately

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

Guarantee	5 years (product), 3 years (emergency), 2 years (on-site)
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 (mm)	150
Electric class	II



THEA LITE CSP 200MM

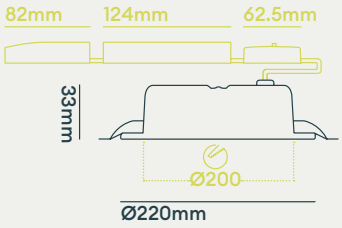
Colour Switchable IP54 Downlight

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), 2 years (on-site)
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 (mm)	200
Electric class	II



2 years on site guarantee

Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm/W	Energy
THL3T	White RAL9003	Mains-Dim	Driver Included Mains	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	

Energy rating is a reflection of the LED light source.

*Emergency pack sold seperately

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

CDL 12-18W

Colour and wattage switchable commercial downlight

2 years on site guarantee

Colour switchable between 3000k, 4000K & 6000K

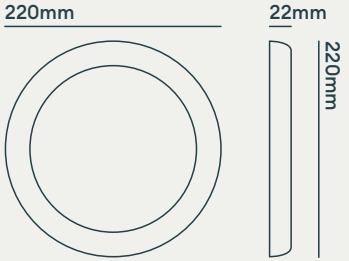
Wattage switchable between 12W & 18W

120lm/W **High efficacy of up to 120lm/W**

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

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	
		18W	3000K	110°	1650	92	
			4000K	110°	2000	111	
			6000K	110°	1800	100	

Energy rating is a reflection of the LED light source.



BULKHEADS & WALL LIGHTS

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 & 6000K).

Advantages

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

3000K

4000K

6000K

Wattage switchable: one light, three wattage outputs

Our WL95 Versa range of wattage switchable bulkhead allows you to stock 3 wattage outputs in 1 product.

Advantages

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

Lower output

Medium output

Higher output

Quick & easy installation

WL94 bulkhead come with push-fit terminals and detachable bracket for quick & easy installation.

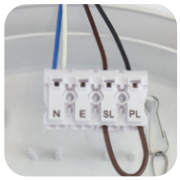
Push-fit terminals.

Removable twist and lock panel for easy access.

Simply push the quick release button to detach the bracket.

WL95 Versa bulkheads comes with detachable push-fit terminals for convenient wiring, and 4 way conduit entry points for quick & easy installation.

Detachable Push-fit terminal.



4 x Conduit entry points

WL95 Versa plug in kits available

Microwave

Microwave + Photocell plug-in options

Emergency

Manual-test, Self-test DALI-2 test plug-in options

Microwave step-dim sensor

The WL94 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

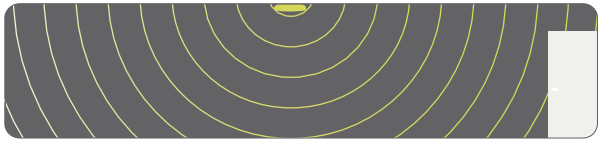
With insufficent daylight, when movement detected, light turns on.

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.

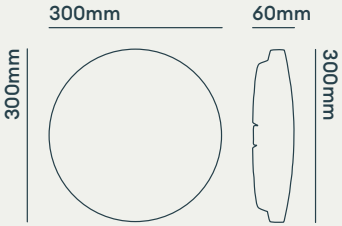


CCT switchable between 3000K, 4000K & 6500K

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, Manual-Test
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	II



WL94 10W

IP44 LED slim decorative Bulkhead

2 years 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	

Energy rating is a reflection of the LED light source.

WL94 18W

IP44 LED slim decorative Bulkhead

2 years 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	

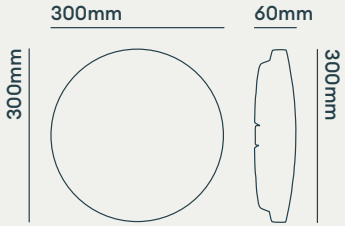
Energy rating is a reflection of the LED light source.

CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation bracket

EM! 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, Manual-Test
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20°C - 40°C
Electric class	II

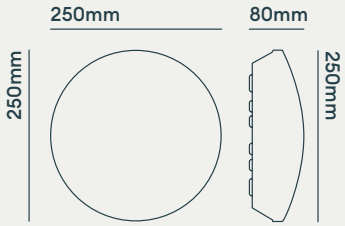


CCT switchable between 3000K, 4000K & 6000K

Wattage switchable options from 5W to 20W

IK09 for impact protection

Guarantee	5 years (product), 5 years (battery), 2 years (on-site)
Wattage	5-8W
IP rating	IP65
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Sensor available	Microwave + Photocell options
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	II



WL95 VERSA 5-8W

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

2 years on site guarantee

Plug-in kits available

Product code	Finish	Type	W	CCT		lm	lm/W	Energy
WL95W2NCS	White	250mm On-Off	5W	3000K	115°	700	140	
				4000K	115°	750	150	
				6000K	115°	750	150	
			6.5W	3000K	115°	950	146	
				4000K	115°	1000	154	C
				6000K	115°	1000	154	
			8W	3000K	115°	1200	150	
				4000K	115°	1250	156	
				6000K	115°	1250	156	

Energy rating is a reflection of the LED light source.

***To order an On-Off Emergency variant, replace 'N' at the end of the part code with: 'NEM' for Manual-test**

WL95 VERSA 5-8W

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

2 years
on site guarantee

Plug-in
kits available

CCT switchable between 3000K, 4000K & 6000K

Wattage switchable options from 5W to 20W

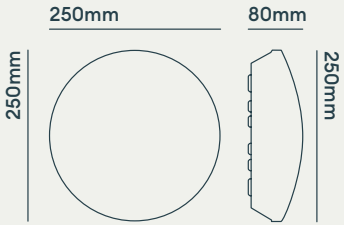
IK09 for impact protection

Guarantee	5 years (product), 5 years (battery), 2 years (on-site)
Wattage	5-8W
IP rating	IP65
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Sensor available	Microwave + Photocell options
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	II

Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Energy
WL95B2NCS	Black	250mm On-Off	5W	3000K	115°	700	140	
				4000K	115°	750	150	
				6000K	115°	750	150	
			6.5W	3000K	115°	950	146	
				4000K	115°	1000	154	C
				6000K	115°	1000	154	
			8W	3000K	115°	1200	150	
				4000K	115°	1250	156	
				6000K	115°	1250	156	

Energy rating is a reflection of the LED light source.

***To order an On-Off Emergency variant, replace 'N' at the end of the part code with: 'NEM' for Manual-test**

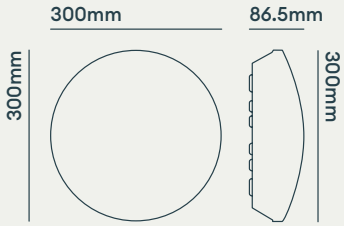


CCT switchable between 3000K, 4000K & 6000K

Wattage switchable options from 5W to 20W

IK09 for impact protection

Guarantee	5 years (product), 5 years (battery), 2 years (on-site)
Wattage	10-20W
IP rating	IP65
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Sensor available	Microwave + Photocell options
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	II



WL95 VERSA 10-20W

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

2 years on site guarantee

Plug-in kits available

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
WL95W3NCS	White	300mm On-Off	10W	3000K	115°	1450	145	
				4000K	115°	1500	150	
				6000K	115°	1500	150	
			15W	3000K	115°	2100	140	
				4000K	115°	2200	147	C
				6000K	115°	2200	147	
			20W	3000K	115°	2800	140	
				4000K	115°	3000	150	
				6000K	115°	3000	150	

Energy rating is a reflection of the LED light source.

***To order an On-Off Emergency variant, replace 'N' at the end of the product code with: 'NEM' for Manual-test**

WL95 VERSA 10-20W

CCT Colour & Wattage Switchable Bulkhead with plug-in Versabox accessories

2 years
on site guarantee

Plug-in
kits available

CCT switchable between 3000K, 4000K & 6000K

Wattage switchable options from 5W to 20W

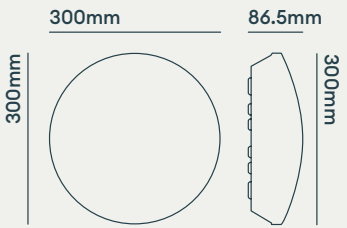
IK09 for impact protection

Guarantee	5 years (product), 5 years (battery), 2 years (on-site)
Wattage	10-20W
IP rating	IP65
Dimmable	Yes (DALI-2, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Sensor available	Microwave + Photocell options
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-20°C - 40°C
Electric class	II

Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
WL95B3NCS	Black	300mm On-Off	10W	3000K	115°	1450	145	
				4000K	115°	1500	150	
				6000K	115°	1500	150	
			15W	3000K	115°	2100	140	
				4000K	115°	2200	147	
				6000K	115°	2200	147	
			20W	3000K	115°	2800	140	
				4000K	115°	3000	150	
				6000K	115°	3000	150	

Energy rating is a reflection of the LED light source.

***To order an On-Off Emergency variant, replace 'N' at the end of the product code with: 'NEM' for Manual-test**



WL95 VERSA ACCESSORIES

Make your WL95 Versa perfect for your installation

A varitiy of plug-in options avialble below for your install

Use the tables below to choose the perfect Plug-in for your bulkhead

Use with	WLKITPC	WLKITMWS	WLKITSELFEM	WLKITMANEM
WL95 Versa 300mm				
WL95 Versa 250mm				

Product code	Type	Compatible with
WLKITPC	Photocell plug-in kit	WL95 Versa 300mm & 250mm
WLKITMWS	Microwave Sensor On/Off plug-in kit	WL95 Versa 300mm & 250mm
WLKITSELFEM	Self-test emergency plug-in	WL95 Versa 300mm & 250mm
WLKITMANEM	Manual-test emergency plug-in	WL95 Versa 300mm & 250mm

FASCIAS

Make your bulkhead perfect for your installation

Change the look without having to change the fitting with our bulkhead fascia options.

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

Use with	No accessory	Eyelid fascia for 300mm bulkheads only
WL95 WL95 Versa white (300mm only)		
WL95 WL95 Versa black (300mm only)		

Product code	Type	Compatible with
WL95BEW	White eyelid fascia	WL95 / Versa 300mm white only
WL95BE	Black eyelid fascia	WL95 / Versa 300mm black only

ARC 10W

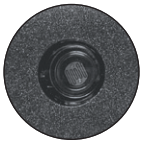
Wallpack suitable for 3m (10W)

CCT switchable between 3000K, 4000K & 5000K

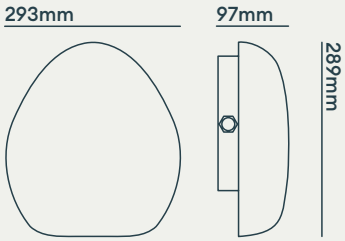
Up to 165lm/W efficacy

Integral photocell as standard

2 years on site guarantee



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



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	

Energy rating is a reflection of the LED light source.

ARC PRO CSP

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

2 years 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	D
				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	
			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	

Energy rating is a reflection of the LED light source.

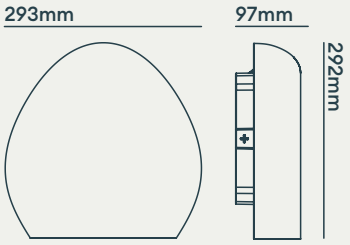
***To order an Emergency variant use product code: ARPB1NE**

CCT switchable between 2700K & 3000K (default)

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

Integral photocell as standard

Guarantee	5 years (product), 5 years (emergency)
Wattage	6-8-10-12-15W
IP rating	IP66
Dimmable	No
Input	220-240V AC
LED lifetime	L70 54,000h
Emergency version available	Yes, Manual-Test
Sensor available	PC Dusk to Dawn
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-30°C - 50°C
Electric class	I

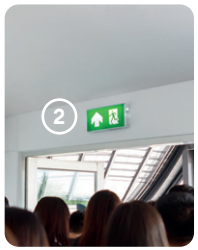


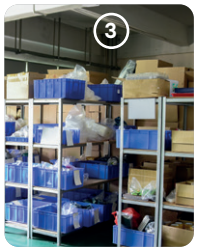
EMERGENCY LIGHTING

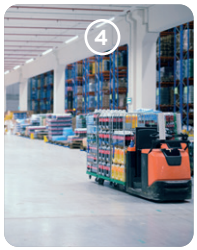
EMERGENCY LIGHTING

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 signs, all complying with ISO 3864-1.







1 **Exit Sign** 2 **Box/Bulkhead** 3 **Route** 4 **Max**

Mounting options

	Salvus Exit Sign	Salvus Box	Salvus Box High Pro	Salvus Bulkhead	Salvus Route	Salvus Route Surface	Salvus Max	Salvus Twin Spot
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.

	Salvus Blade	Salvus Box	Salvus Box High Pro	Salvus Bulkhead	Salvus Route	Salvus Route Surface	Salvus Max	Salvus Twin spot
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 EXIT SIGN

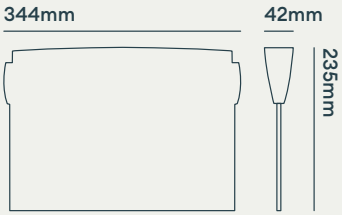
24M Viewing Distance Exit Sign

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	2.5W
Maintained / Non-maintained	[Maintained]
Viewing distance	24m
IP rating	IP20
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4 3.2V 1000mAH
Install connector type	Push-fit terminal connector
Construction material	PC Housing
Electric class	I
Mounting options	Surface
Legend kit	Included



Product code	Testing	Battery	W	CCT	lm
EMBLWMS	Yes, Manual & Self-Test	LiFePO4 3.2V 1000mAH	2.5W	6500K	30

SALVUS EXIT BOX

32M Viewing Distance Final Exit Sign

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	2.5W
Maintained / Non-maintained	[Maintained],[Non-Maintained]
Viewing distance	32m
IP rating	IP20
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4 3.2V 1000mAH
Install connector type	Push-fit terminal connector
Construction material	Polycarbonate & Steel Housing
Electric class	I
Mounting options	Surface
Legend kit	Included

Product code	Testing	Battery	W	CCT	lm
EMBXWMS	Yes, Manual & Self-Test	LiFePO4 3.2V 1000mAH	2.5W	6500K	26

SALVUS EXIT BOX HIGH PRO

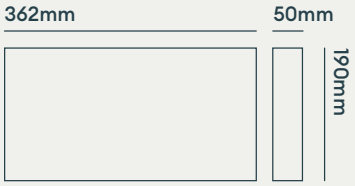
32M Viewing Distance Final Exit Sign

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	3W
Maintained / Non-maintained	[Maintained], [Non-Maintained]
Viewing distance	32m
IP rating	IP65
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4 3.2V 2000mAH
Install connector type	Push-fit terminal connector
Construction material	Polycarbonate
Electric class	I
Mounting options	Surface
Legend kit	Included



Product code	Testing	Battery	W	CCT	lm
EMBXWMSHP	Yes, Manual & Self-Test	LiFePO4 3.2V 2000mAH	3W	6500K	70

SALVUS BULKHEAD

150lm & 350lm Emergency Bulkhead

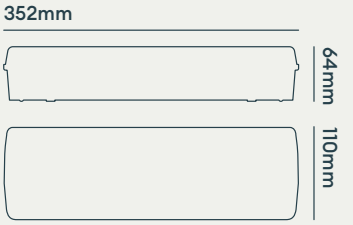
Product code	Testing	Battery	W	CCT	lm
EMBW1MS	Yes, Manual & Self-Test	LiFePO4 3.2V 1500mAH	2.5W	6500K	150
EMBW3MS	Yes, Manual & Self-Test	LiFePO4 3.2V 3000mAH	3.5W	6500K	350

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	2.5W
Maintained / Non-maintained	[Maintained], [Non-Maintained]
Viewing distance	18m
IP rating	IP65
IK rating	IK10
Input	220-240V AC
Battery	EMBW1MS: LiFePO4 3.2V 1500mAH, EMBW3MS: LiFePO4 3.2V 3000mAH
Install connector type	Push-fit connector
Construction material	PC Housing
Electric class	I
Mounting options	Surface
Legend kit	Included



SALVUS MAX

1500lm High Output Bulkhead

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	8W
Maintained / Non-maintained	[Non-Maintained]
Viewing distance	m
IP rating	IP65
IK rating	IK10
Input	220-240V AC
Battery	LiFePO4 6.4V 5500mAH
Install connector type	Push-fit terminal connector
Construction material	PC Housing
Electric class	I
Mounting options	Surface

Product code	Testing	Battery	W	CCT	lm
EMBMAXWMS	Yes, Manual & Self-Test	LiFePO4 6.4V 5500mAH	8W	6500K	1500

SALVUS ROUTE

240lm Surface Anti-panic

Product code	Testing	Battery	W	CCT	lm
EMRSW2MS	Yes, Manual & Self-Test	LiFePO4 3.2V 3000mAH	2.5W	6500K	240

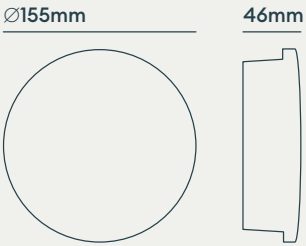
EMERGENCY LIGHTING

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	2.5W
Maintained / Non-maintained	[Non-Maintained]
Viewing distance	m
IP rating	IP65
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4 3.2V 3000mAH
Install connector type	Push-fit terminal connector
Construction material	PC Housing
Electric class	I
Mounting options	Surface
Open & Corridor area lenses	Included



SALVUS ROUTE

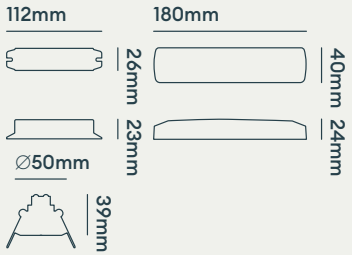
Recessed Anti-panic 150lm

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	1.5W
Maintained / Non-maintained	[Non-Maintained]
Viewing distance	m
IP rating	IP20
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4 3.2V 2000mAH
Install connector type	Push-fit terminal connector
Construction material	PC Housing
Electric class	I
Mounting options	Recessed
Open & Corridor area lenses	Included

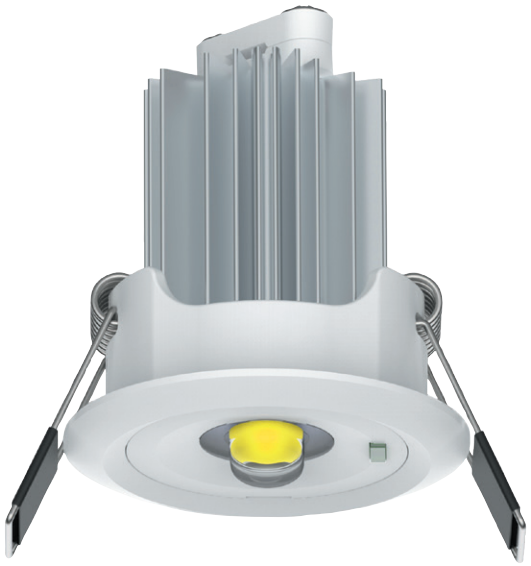


Open and corridor area lenses
Included

Product code	Testing	Battery	W	CCT	lm
EMRW1MS	Yes, Manual & Self-Test	LiFePO4 3.2V 2000mAH	1.5W	6500K	150

SALVUS ROUTE

Recessed Anti-panic 300lm



Open and corridor area lenses
Included

Product code	Testing	Battery	W	CCT	lm
EMRW3MS	Yes, Manual & Self-Test	LiFePO4 3.2V 5500mAH	3W	6500K	300

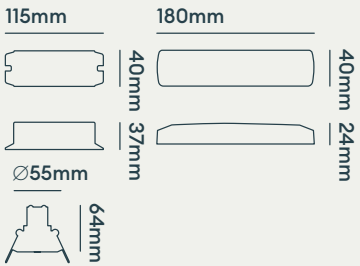
EMERGENCY LIGHTING

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	3W
Maintained / Non-maintained	[Non-Maintained]
Viewing distance	m
IP rating	IP20
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4 3.2V 5500mAH
Install connector type	Push-fit terminal connector
Construction material	PC Housing
Electric class	I
Mounting options	Recessed
Open & Corridor area lenses	Included



SALVUS TWIN SPOT

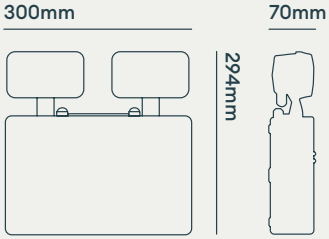
520lm Emergency Twin Spot

LiFePO4 battery

Battery Temperature Monitored

DALI-2 Addressable, Manual & Self Test Option

Guarantee	5 years
Wattage	2.8W
Maintained / Non-maintained	[Non-Maintained]
Viewing distance	m
IP rating	IP65
IK rating	IK08
Input	220-240V AC
Battery	LiFePO4 3.2V 5500mAH
Install connector type	Push-fit connector
Construction material	PC Housing
Electric class	I
Mounting options	Surface



Product code	Testing	Battery	W	CCT	lm
EMTW5MS	Yes, Manual & Self-Test	LiFePO4 3.2V 5500mAH	2.8W	6500K	520

ANTI-CORROSIVES

K12
K11
K10
K9
K8
K7
L7
L8
L9
L10
L11
M7

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	Wattage output	Lumen output (max)
Caiman Versa 2ft	10 - 12 - 15 - 18W	1350 - 1800 - 2250 - 2700lm
Caiman Versa 4ft	18 - 25 - 31 - 37W	2775 - 3750 - 4650 - 5550lm
Caiman Versa 5ft	28 - 38 - 48 - 56W	4200 - 5700 - 7200 - 8400lm
Caiman Versa 6ft	33 - 45 - 56 - 67W	5025 - 6750 - 8400 - 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

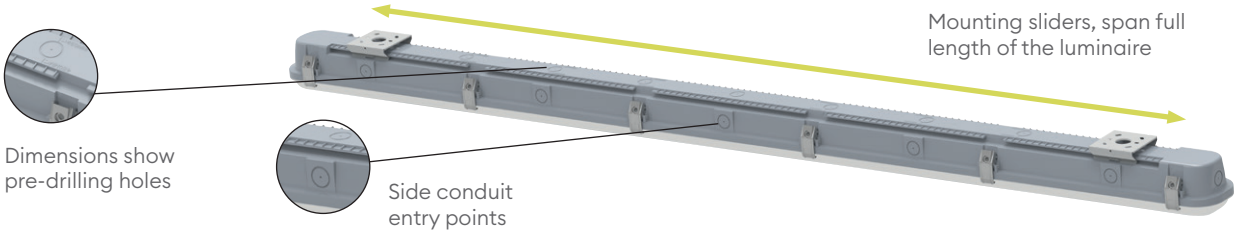
4000K Cool White

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.

Dimmable

Dim

0-10V
PUSH DIM
DALI-2

Microwave

Microwave On-Off
Microwave STEP-DIM

Emergency

EM!

Manual-test
Self-test
DALI-2 test

IP66 & IK10

IP66 IK10

High impact and high water and dust resistance

CAIMAN VERSA 2FT

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

CCT switchable between 3000K, 4000K & 5700K

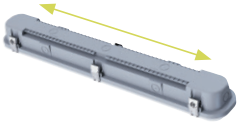
Wattage Switchable

IP66 and IK10 for total protection

2 years on site guarantee

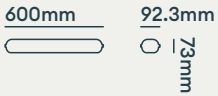
Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	10-18W
IP rating	IP66
IK rating	IK10
Dimmable	Yes (DALI-2)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-25°C to +40°C
Electric class	I

Sliding bracket spans length of luminaire



Plug & Play Microwave sensor

Plug & Play EM sensor



Product code	W	CCT	∠	lm	lm/W	Em lm	Energy
AC2N	10W	3000K	120°	1330	144	240	
		4000K	120°	1420	154	240	
		5700K	120°	1420	154	240	
	12W	3000K	120°	1680	144	240	
		4000K	120°	1800	154	240	
		5700K	120°	1800	154	240	
	15W	3000K	120°	2100	144	240	
		4000K	120°	2250	154	240	
		5700K	120°	2250	154	240	
	18W	3000K	120°	2520	144	240	
		4000K	120°	2700	154	240	
		5700K	120°	2700	154	240	

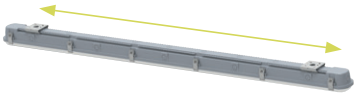
*Replace 'N' at the end of the part code with 'NEM' for manual-test emergency or 'D' for DALI-2/PUSH DIM. Plug-in kits are also available as separate accessories. Energy rating is a reflection of the LED light source.

CAIMAN VERSA 4FT

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

2 years 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	
		4000K	120°	2775	154	240	
		5700K	120°	2775	154	240	
	25W	3000K	120°	3500	144	240	
		4000K	120°	3750	154	240	
		5700K	120°	3750	154	240	
	31W	3000K	120°	4340	144	240	
		4000K	120°	4650	154	240	
		5700K	120°	4650	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. Energy rating is a reflection of the LED light source.

ANTI-CORROSIVES

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	18-37W
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	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-25°C to +40°C
Electric class	I

CAIMAN VERSA 5FT

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

CCT switchable between 3000K, 4000K & 5700K

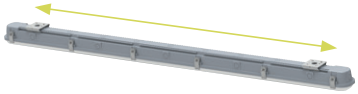
Wattage Switchable

IP66 and IK10 for total protection

2 years on site guarantee

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	28-56W
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	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-25°C to +40°C
Electric class	I

Sliding bracket spans length of luminaire



Plug & Play Microwave sensor

Plug & Play EM sensor

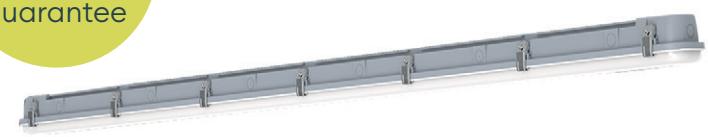
Product code	W	CCT	⩓	lm	lm/W	Em lm	Energy
AC5N	28W	3000K	120°	3920	140	230	
		4000K	120°	4200	150	230	
		5700K	120°	4200	150	230	
	38W	3000K	120°	5320	140	230	
		4000K	120°	5700	150	230	
		5700K	120°	5700	150	230	
	48W	3000K	120°	6720	140	230	
		4000K	120°	7200	150	230	
		5700K	120°	7200	150	230	
	56W	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. Energy rating is a reflection of the LED light source.

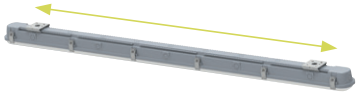
CAIMAN VERSA 6FT

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

2 years 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	
		4000K	120°	5025	152	200	
		5700K	120°	5025	152	200	
	45W	3000K	120°	6300	142	200	
		4000K	120°	6750	152	200	
		5700K	120°	6750	152	200	
	56W	3000K	120°	7840	142	200	
		4000K	120°	8400	152	200	
		5700K	120°	8400	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. Energy rating is a reflection of the LED light source.

ANTI-CORROSIVES

CCT switchable between 3000K, 4000K & 5700K

Wattage Switchable

IP66 and IK10 for total protection

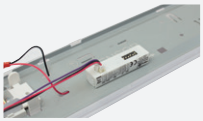
Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	33-67W
IP rating	IP66
IK rating	IK10
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-25°C to +40°C
Electric class	I

CAIMAN VERSA 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	ACKITMWS	ACKITMWSDIM
Accessory on its own				
Accessory on product				

Product codes

Product code	Type	Compatible with
ACKITMANEM	Manual Test Emergency plug-in Versabox	Caiman Versa 2ft, 4ft, 5ft & 6ft
ACKITSELFEM	Self Test Emergency plug-in Versabox	Caiman Versa 4ft, 5ft & 6ft
ACKITMWS	MIcrowave Sensor on/off plug-in Versabox	Caiman Versa 2ft, 4ft, 5ft & 6ft
ACKITMWSDIM	MIcrowave Sensor Dim plug-in Versabox (requires 0-10V driver)	Caiman Versa 4ft, 5ft & 6ft
ACREMOTEMWS	Remote for Microwave Sensor	Caiman Versa 2ft, 4ft, 5ft & 6ft
ACBESA	BESA Mounting Bracket	Caiman Versa 2ft, 4ft, 5ft & 6ft

ACREMOTEMWS (ACKITMWSDIM Remote)	ACBESA	PIRBOLT (PIR)	PIRBOLTDIM (PIR)	PIRBOLTDIMR (PIRBOLTDIM Remote)	EMBOLT... (Emergency)
-				-	

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

HIGH/LOW BAYS

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.

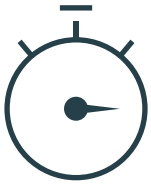
Less fittings required providing energy and cost savings.

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 Dim Level: 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 Area: 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

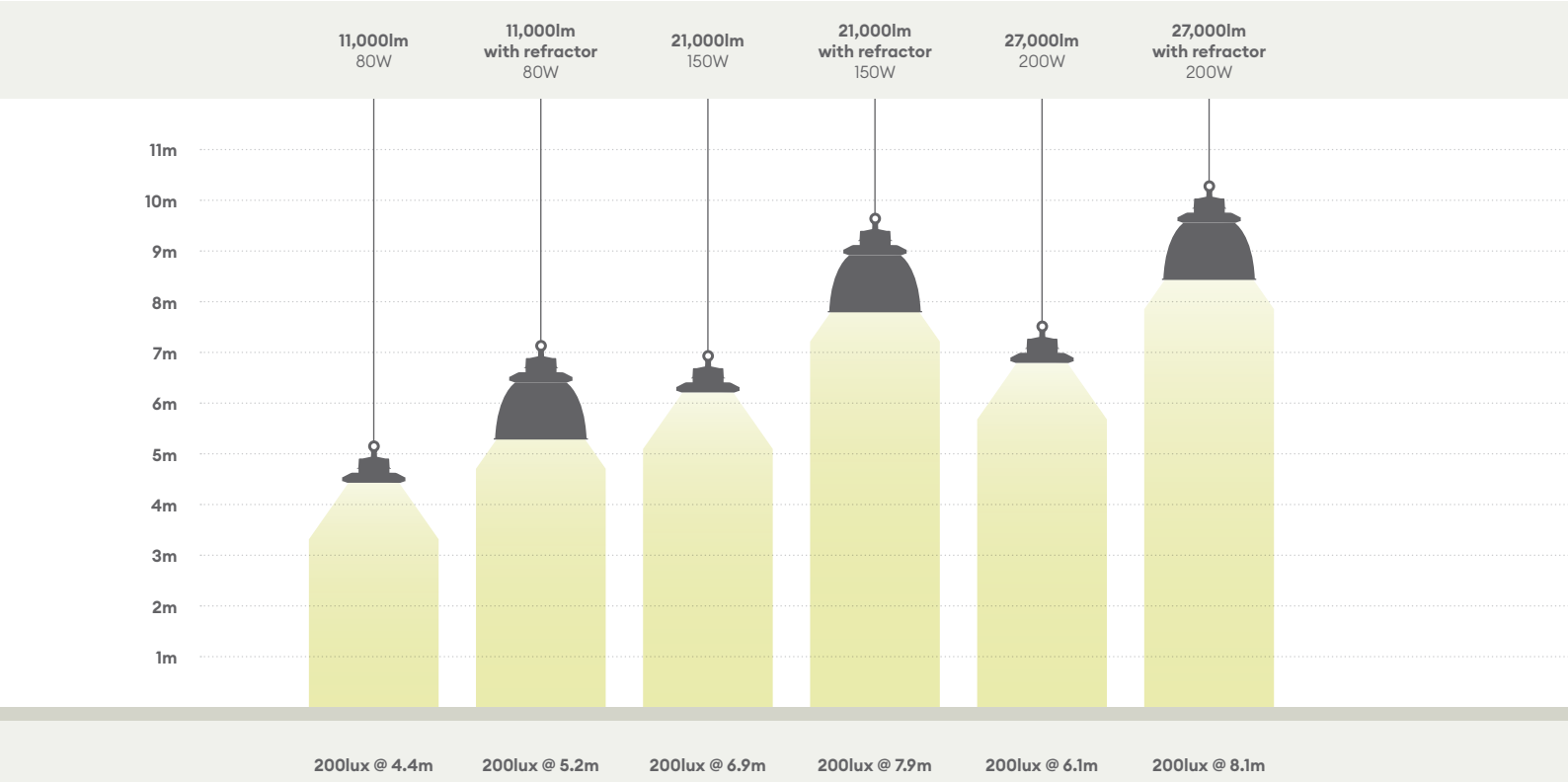
DESIGN GUIDE

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 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**).



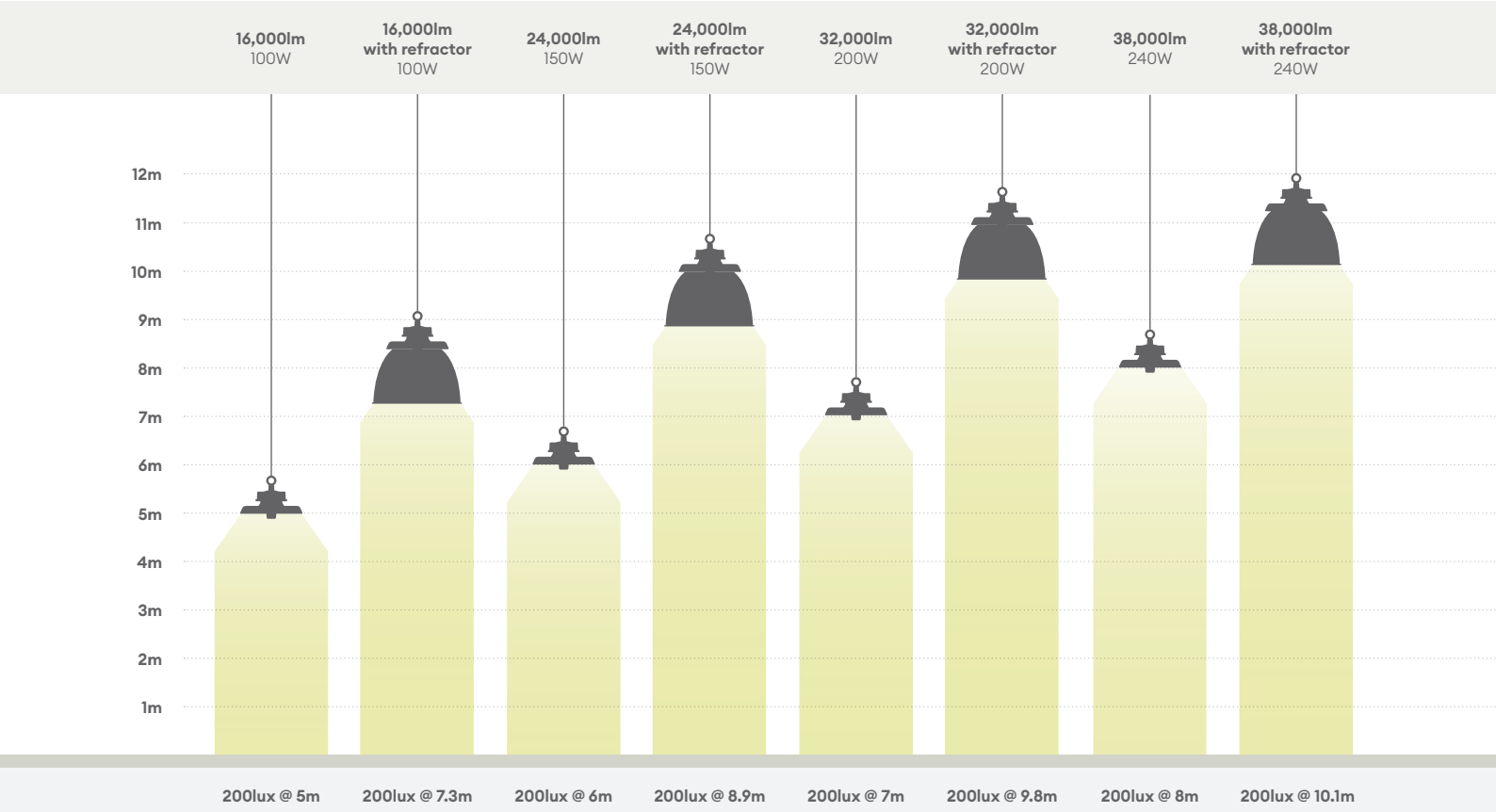
DESIGN GUIDE

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 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.

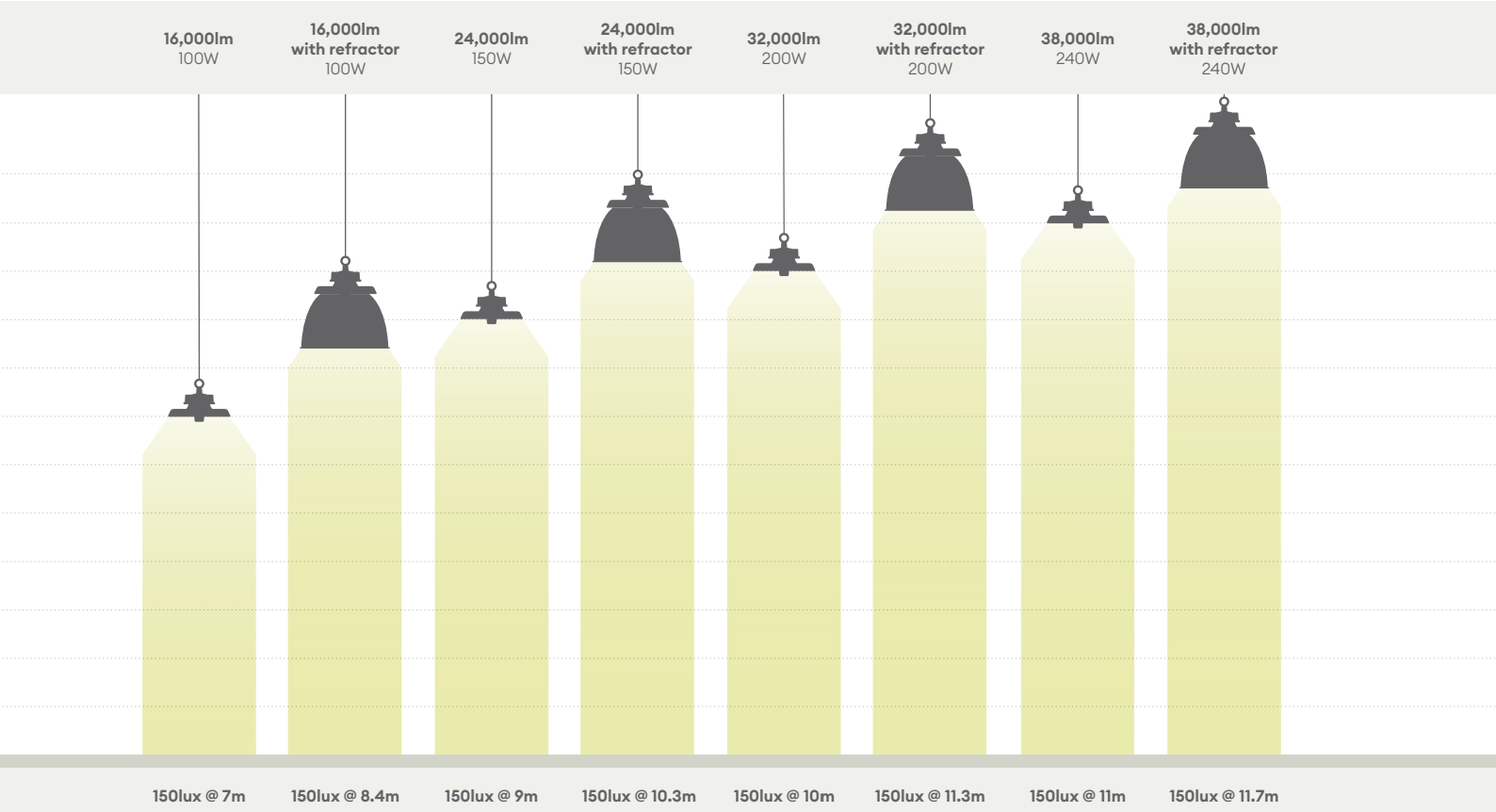
Area Bay - Open goods storage

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**).



AREA BAY 16,000LM 100W

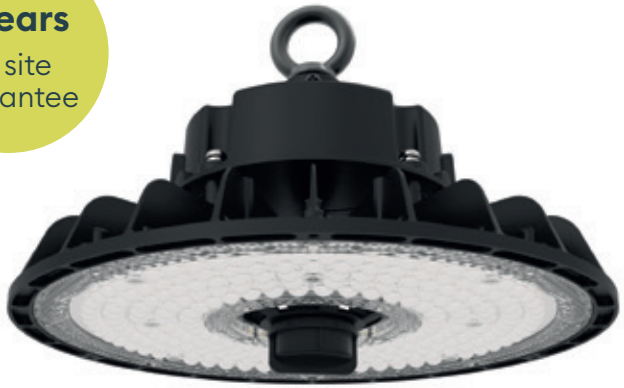
100W High bay luminaire (Replaces 2x80W T5)

160lm/W **High efficacy of 160lm/W**

Very light weight for easy installation

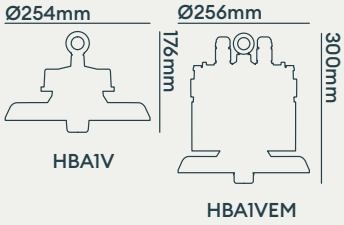
EM **Emergency option available**

2 years on site guarantee



UGR22 Refractor

Guarantee	Warranty: 5 years Battery Warranty: 2 years On-Site Warranty: 2 years
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, Manual-Test
Install connector type	Flying lead
Ambient temperature	Non EM: -20°C - +40°C | EM: 0°C - +40°C
Electric class	I



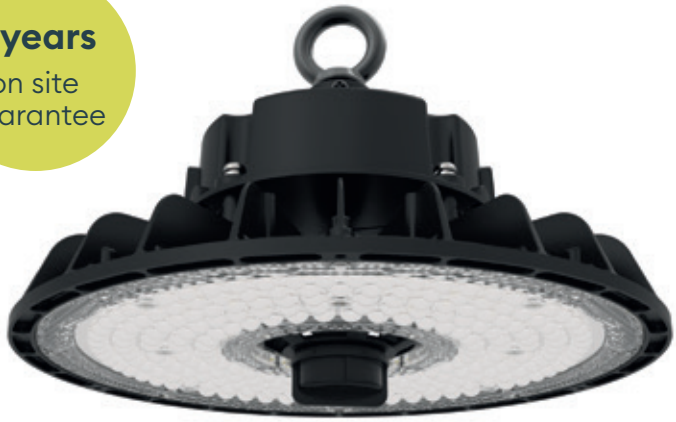
Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
HBA1V	Matt black RAL9017	Standard	100W	4000K	110°	16000	160	-	C
HBA1VEM	Matt black RAL9017	Emergency	100W	4000K	110°	16000	160	650	C
HBA1D	Matt black RAL9017	DALI-2	100W	4000K	110°	16000	160	-	C

Energy rating is a reflection of the LED light source.

AREA BAY 24,000LM 150W

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

2 years 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	-	
HBA2VEM	Matt black RAL9017	Emergency	150W	4000K	110°	24000	160	650	
HBA2D	Matt black RAL9017	DALI-2	150W	4000K	110°	24000	160	-	

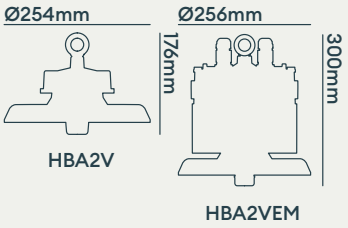
Energy rating is a reflection of the LED light source.

160lm/W **High efficacy of 160lm/W**

Very light weight for easy installation

EM! **Emergency option available**

Guarantee	Warranty: 5 years Battery Warranty: 2 years On-Site Warranty: 2 years
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, Manual-Test
Install connector type	Flying lead
Ambient temperature	Non EM: -20°C - +40°C | EM: 0°C - +40°C
Electric class	I



AREA BAY 32,000LM 200W

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

High efficacy of 160lm/W

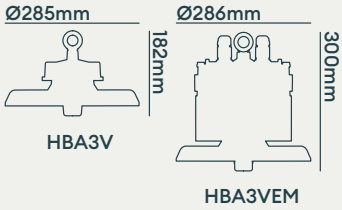
Very light weight for easy installation

Emergency option available

2 years on site guarantee

UGR22 Refractor

Guarantee	Warranty: 5 years Battery Warranty: 2 years On-Site Warranty: 2 years
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, Manual-Test
Install connector type	Flying lead
Ambient temperature	Non EM: -20°C - +40°C | EM: 0°C - +40°C
Electric class	I



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

Energy rating is a reflection of the LED light source.

AREA BAY 38,000LM 240W

240W High bay luminaire

2 years 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

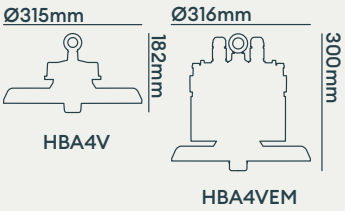
Energy rating is a reflection of the LED light source.

160lm/W **High efficacy of 160lm/W**

Very light weight for easy installation

EM! **Emergency option available**

Guarantee	Warranty: 5 years Battery Warranty: 2 years On-Site Warranty: 2 years
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, Manual-Test
Install connector type	Flying lead
Ambient temperature	Non EM: -20°C - +40°C | EM: 0°C - +40°C
Electric class	I

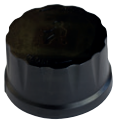


AREA BAY ACCESSORIES

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	UNREMOTEMWS (sensor remote)	HBLEMGREM
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 dimming/harvesting	Area bay
HBMWS	Microwave motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	Area bay
UNREMOTEMWS	Remote control for commissioning, compatible with **HBPIR**, **HBDLS** and **HBMWS**	Area bay
HBLEMGREM	High Bay, 6W 1000lm, Emergency Conversion Pack, Manual test	Area bay

HBA12REFR (for 100W & 150W)	HBA3REFR (for 200W)	HBA4REFR (for 240W)	HBROD	HBBRA	HBBRAEXT	HBBRAEM

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

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

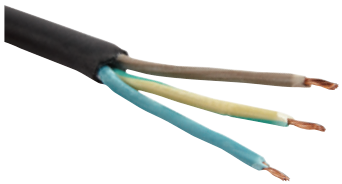
Only turn your light **on** when there is not enough natural light.

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

SPRINGBOK LITE 11,000LM 80W

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

138lm/W **High efficacy of 138lm/W**

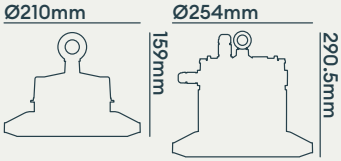
Sensor kit includes junction box and counter weight

EM **Emergency option available**

2 years on site guarantee

UGR22 Refractor

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, Manual-Test
Install connector type	Flying lead
Ambient temperature	-20°C - 40°C
Electric class	I



HBL1N HBL1NEM

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

Energy rating is a reflection of the LED light source.

SPRINGBOK LITE 21,000LM 150W

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

2 years 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

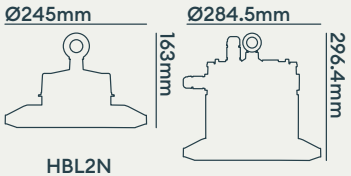
Energy rating is a reflection of the LED light source.

140lm/W **High efficacy of 140lm/W**

Sensor kit includes junction box and counter weight

EM! 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, Manual-Test
Install connector type	Flying lead
Ambient temperature	-20°C - 40°C
Electric class	I



HBL2N

HBL2NEM

SPRINGBOK LITE 27,000LM 200W

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

135lm/W **High efficacy of 135lm/W**

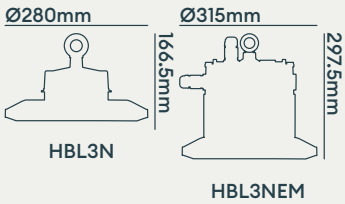
Sensor kit includes junction box and counter weight

EM **Emergency option available**

2 years on site guarantee

UGR22 Refractor

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, Manual-Test
Install connector type	Flying lead
Ambient temperature	-20°C - 40°C
Electric class	I



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

Energy rating is a reflection of the LED light source.

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

GENBAY

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.

GenBay	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%**
100W	150W	2 x 80W	**Saving up to 43%**

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

Emergency Option

The emergency converter is Manual-test and Self-test switchable and can be installed on site.

Microwave sensors

For up to an additional 82% energy savings

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

Motion sensor

Only turn your light on when movement is detected.

Daylight switching

On/off control with time delay and daylight switching (8-15 metres max)

Quick & easy installation

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

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

Warranty for piece of mind.

3 year guarantee

2 year on-site warranty

GENBAY 100W

Ultra-slim and lightweight highbay for lighting general applications

135lm/W **High efficacy of 135lm/W**

Sensor kit includes junction box and counter weight

EM **Manual/Self-Test Emergency**

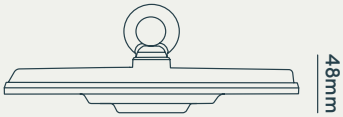
2 years on site guarantee

Guarantee	3 years
Wattage	100W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 50,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 40°C
Electric class	I

Emergency Converter

Microwave Sensor

Ø240mm



Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
HBG1N40	Grey	On-Off	100W	4000K	110°	13500	135	E

Energy rating is a reflection of the LED light source.

GENBAY 150W

Ultra-slim and lightweight highbay for lighting general applications

2 years on site guarantee

135lm/W **High efficacy of 135lm/W**

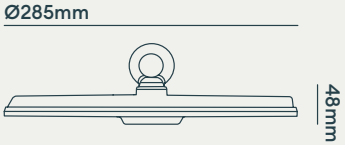
Sensor kit includes junction box and counter weight

EM! Manual/Self-Test Emergency

Guarantee	3 years
Wattage	150W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 50,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 40°C
Electric class	I

Emergency Converter

Microwave Sensor



Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
HBG2N40	Grey	On-Off	150W	4000K	110°	19500	130	E

Energy rating is a reflection of the LED light source.

GENBAY 200W

Ultra-slim and lightweight highbay for lighting general applications

135lm/W **High efficacy of 135lm/W**

Sensor kit includes junction box and counter weight

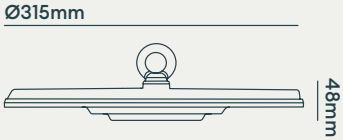
EM **Manual/Self-Test Emergency**

2 years on site guarantee

Guarantee	3 years
Wattage	200W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 50,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 40°C
Electric class	I

Emergency Converter

Microwave Sensor



Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
HBG3N40	Grey	On-Off	200W	4000K	110°	26000	130	E

Energy rating is a reflection of the LED light source.

GENBAY ACCESSORIES

Make your GenBay perfect for your installation

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

Use the tables below to choose the perfect accessory

	HBGMWS	HBGEMC1MS
Accessory on its own		
Accessory on product		

Product codes

Product code	Description	Guarantee
HBGMWS	Microwave sensor kit for GenBay High Bay	5 years
HBGEMC1MS	Emergency Converter Manual & Self Test	5 years

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

RACKBAY

The RackBay combine excellent performance with quick payback.

Wattage & CCT switchable

Wattage switchable: one light, three wattage outputs

RackBay provides both the output of a single wattage or three wattages within the same product. Adjust the wattage switch during installation.

Product	0-10V wattage switchable output	
Rackbay 60-100W 3000K/4000K	60-80-100W	8700/9000lm, 11600/12000lm, 14500/15000lm
Rackbay 160-200W 3000K/4000K	160-180-200W	22400/24000lm, 25200/27000lm, 28000/30000lm
Rackbay 200-240W 3000K/4000K	200-220-240W	28000/30000lm, 30800/33000lm, 33600/36000lm

CCT switchable: one light, two CCT temperatures

Our colour switchable rackbays allows you to stock 2 colour temperatures in 1 product (3000K & 4000K).

Advantages

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

3000K Warm White

4000K Cool White

Easy installation

Designed to be as easy as possible to install and maintain.

Lightweight

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

Aisle spaces

110x55 lens optics provide a rectangular light distribution that is ideal for mounting between 3m and 14m heights.

Compact

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

Motion sensors

Save time on the installation ultimately savings costs on installation.

Quick tool-less connection

Tool-less, plug-in and twist sensors make installation quick & easy for you to adopt lighting control, even interchange your sensors should your floorspace be re-configured.

Product code : HBPIR
PIR with daylight switch

Product code : HBPIRDLD
PIR with daylight harvest sensor

Product code : HBMWS
Microwave with daylight switch

Emergency bolt-on

The emergency bolt-on are available for aisles, corridors and open areas.

Up to 10m high

Install as high as 10m high.

Quick attachment

Fast 4 minute conversion time.

Easy attachment

M20 interface for easy installation.

EMBOLTMRACK

EMBOLT....

Warranty

5 year guarantee

2 year on-site warranty

Dimmable

As standard, the RackBay offers DALI-2 or 0-10V dimming technology.

IP20 & IK07

High impact resistance, combined with IP20, making a great choice for warehouse racking areas.

RACKBAY CSP 60-100W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

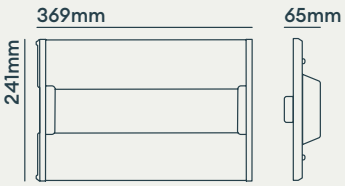
Colour Switchable between 3000K and 4000K

Wattage Switchable from 60W to 100W

High efficacy of 150lm/W

2 years on site guarantee

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	60-80-100W
IP rating	IP20
IK rating	IK07
Dimmable	Yes (0-10V)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 100,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 50°C
Electric class	I
Mounting options	Ceiling & suspended



Sensor accessories

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

Product code	Type	W	CCT	∠	lm	lm/W	Energy
LBR1V	0-10V Dimmable	60W	3000K	110x55°	8700	145	D
			4000K	110x55°	9000	150	
		80W	3000K	110x55°	11600	145	D
			4000K	110x55°	12000	150	
		100W	3000K	110x55°	14500	145	D
			4000K	110x55°	15000	150	

Energy rating is a reflection of the LED light source.

RACKBAY CSP 110° OPEN AREA 60-100W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

2 years on site guarantee

Sensor accessories

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

Product code	Type	W	CCT	∠°	lm	lm/W	Energy
LBO1V	0-10V Dimmable	60W	3000K	110°	8700	145	D
			4000K	110°	9000	150	
		80W	3000K	110°	11600	145	D
			4000K	110°	12000	150	
		100W	3000K	110°	14500	145	D
			4000K	110°	15000	150	

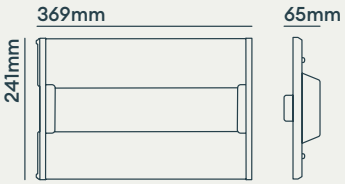
Energy rating is a reflection of the LED light source.

Colour Switchable between 3000K and 4000K

Wattage Switchable from 60W to 100W

150lm/W **High efficacy of 150lm/W**

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	60-80-100W
IP rating	IP20
IK rating	IK07
Dimmable	Yes (0-10V)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 100,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 50°C
Electric class	I
Mounting options	Ceiling & suspended



RACKBAY CSP 160-200W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

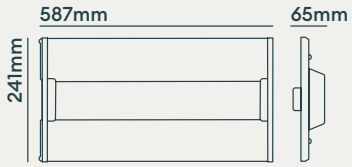
Colour Switchable between 3000K and 4000K

Wattage Switchable from 160W to 200W

High efficacy of 150lm/W

2 years on site guarantee

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	160-180-200W
IP rating	IP20
IK rating	IK07
Dimmable	Yes (0-10V)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 100,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 50°C
Electric class	I
Mounting options	Ceiling & suspended



Sensor accessories

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

Product code	Type	W	CCT	∠	lm	lm/W	Energy
LBR2V	0-10V Dimmable	160W	3000K	110x55°	22400	145	D
			4000K	110x55°	24000	150	
		180W	3000K	110x55°	25200	145	D
			4000K	110x55°	27000	150	
		200W	3000K	110x55°	28000	145	D
			4000K	110x55°	30000	150	

Energy rating is a reflection of the LED light source.

RACKBAY CSP 110° OPEN AREA 160-200W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

2 years on site guarantee

Sensor accessories

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

Product code	Type	W	CCT	∠°	lm	lm/W	Energy
LBO2V	0-10V Dimmable	160W	3000K	110°	22400	145	D
			4000K	110°	24000	150	
		180W	3000K	110°	25200	145	D
			4000K	110°	27000	150	
		200W	3000K	110°	28000	145	D
			4000K	110°	30000	150	

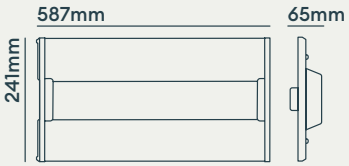
Energy rating is a reflection of the LED light source.

Colour Switchable between 3000K and 4000K

Wattage Switchable from 160W to 200W

150lm/W **High efficacy of 150lm/W**

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	160-180-200W
IP rating	IP20
IK rating	IK07
Dimmable	Yes (0-10V)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 100,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 50°C
Electric class	I
Mounting options	Ceiling & suspended



RACKBAY CSP 200-240W

Colour & wattage switchable low/high bay suitable for mounting between 3 and 14 metres high

Colour Switchable between 3000K and 4000K

Wattage Switchable from 200W to 240W

High efficacy of 150lm/W

2 years on site guarantee

Guarantee	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
Wattage	200-220-240W
IP rating	IP20
IK rating	IK07
Dimmable	Yes (0-10V)
Input	220-240V AC Surge Protection 6KV
LED lifetime	L70 100,000h
Emergency version available	Yes, using converter
Install connector type	Flying lead
Ambient temperature	-30°C - 50°C
Electric class	I
Mounting options	Ceiling & suspended

Sensor accessories

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

Product code	Type	W	CCT	∠°	lm	lm/W	Energy
LBR3V	0-10V Dimmable	200W	3000K	110x55°	28000	145	D
			4000K	110x55°	30000	150	
		220W	3000K	110x55°	30800	145	D
			4000K	110x55°	33000	150	
		240W	3000K	110x55°	33600	145	D
			4000K	110x55°	36000	150	

Energy rating is a reflection of the LED light source.

RACKBAY ACCESSORIES

Make your RackBay perfect for your installation

PIR / microwave sensors and emergency accessories combine excellence and unrivalled cost savings.

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

	HBPIR	HBPIRDLD	HBDLS	HBMWS	UNREMOTEMWS (sensor remote)
Accessory on its own					
Accessory on product					-

Product codes

Product code	Description	Guarantee
HBPIR	Passive infra-red (PIR) motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	5 years
HBPIRDLD	Passive infra-red motion sensor with daylight harvesting photocell	5 years
HBDLS	Daylight harvesting sensor with photocell (Max. recommended mounting height is 13 metres)	5 years
HBMWS	Microwave motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	5 years
UNREMOTEMWS	Remote control for commissioning, compatible with **HBPIR**, **HBDLS** and **HBMWS**	5 years

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

	LB2XBRKT	EMBOLTMRACK	EMBOLTSRACK	EMBOLT... (Emergency)
Accessory on its own				
Accessory on product				

Product codes

Product code	Description	Guarantee
LB2XBRKT	2 x Mounting brackets	5 years
EMBOLTMRACK	3 hour emergency conversion pack, rack optic, manual test	4 years guarantee of the electronics 2 years guarantee of the battery
EMBOLTSRACK	3 hour emergency conversion pack, rack optic, self test	4 years guarantee of the electronics 2 years guarantee of the battery
EMBOLTMCOR	3 hour emergency conversion pack, corridor area, manual test	4 years guarantee of the electronics 2 years guarantee of the battery
EMBOLTMOPEN	3 hour emergency conversion pack, open area, manual test	4 years guarantee of the electronics 2 years guarantee of the battery
EMBOLTSCOR	3 hour emergency conversion pack, corridor area, self-test	4 years guarantee of the electronics 2 years guarantee of the battery
EMBOLTSOPEN	3 hour emergency conversion pack, open area, self-test	4 years guarantee of the electronics 2 years guarantee of the battery

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

INDUSTRIAL FLOODLIGHTS

36
35
34
33

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

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:

K3 65-125W (2.5kg) 1.39m^2
K3 125-200W (4.5kg) 1.09m^2
K3 300W (7.1kg) 0.74m^2

IP65 & IK07

Built for the toughest of environments

Durable and versatile, the K3 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 IK07

Beam angle

Symmetric

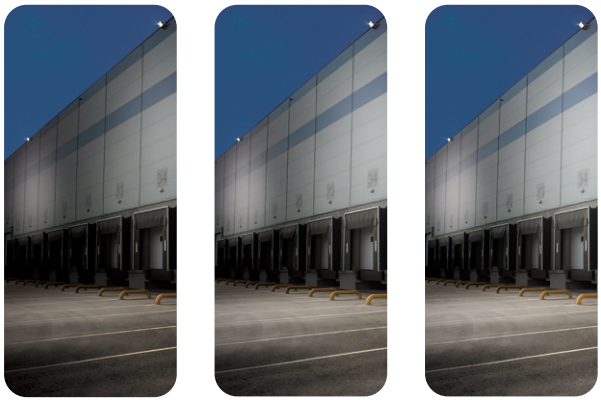
Symmetric beam angle provides light in a conic shape, illuminating the surface in all directions, from the centre to all sides, as the lens pushes the light equally in all directions.

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

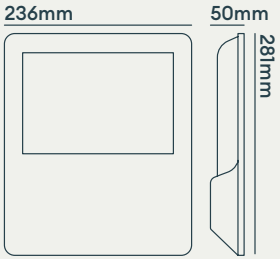
Wattage switchable between 65-125W

Suitable for use in coastal applications

2 years on site guarantee

Photocell accessory PCELLKIT
compatible, 3 floodlights per photocell

Guarantee	5 years (product), 2 years (on-site)
Wattage	65-80-125W
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	I



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

Energy rating is a reflection of the LED light source.

INDY K3 125-165-200W

Wattage Switchable Symmetrical Floodlight

2 years on site guarantee

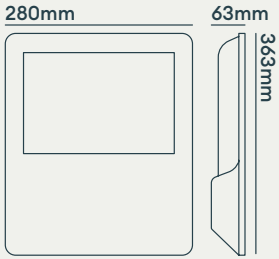
Photocell accessory PCELLKIT
compatible, 2 floodlights per photocell

- **152lm/W** — 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	125-165-200W
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	I

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

Energy rating is a reflection of the LED light source.



INDY K3 300W

Symmetrical floodlight suitable for commercial and industrial applications

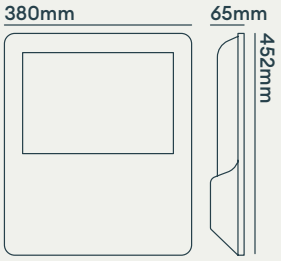
147lm/W **High efficacy up to 147lm/W**

300W **High power 300W**

Suitable for use in coastal applications

2 years on site guarantee

Guarantee	5 years (product), 2 years (on-site)
Wattage	300W
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	I



Photocell accessory PCELLKIT
compatible, 1 floodlight per photocell

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

Energy rating is a reflection of the LED light source.

K3 FLOODLIGHT ACCESSORIES

Make your floodlight perfect for your installation

Make your floodlights more energy efficient and better for the environment by using cell kit accessories.

Use the table to choose how may photocell's you require per product

	PCELLKIT (Photocell kit)
Accessory on its own	
Accessory on product	Install photocell kit in a separate location to floodlight

Floodlight	Floodlights per photocell
Indy K3 - 65W - 125W	3
Indy K3 - 125W - 200W	2
Indy K3 - 300W	1

Product code	Type	Compatible with
PCELLKIT	Cell kit accessory	Indy K3 range

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