



collingwood

November 2024

Essentials

Light **Your** Moment

We believe in helping
people light their
moments sustainably

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





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An aerial photograph of a vast, dense forest of evergreen trees, likely spruce or fir, covering a hillside. The trees are tightly packed, creating a textured green surface. A semi-transparent teal and blue gradient overlay is positioned on the left side of the image, containing white text.

**We aim to
be carbon
neutral by
2030**

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 EcoVadis

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 EcoVadis 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.



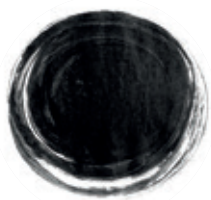
FSC approved card

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.

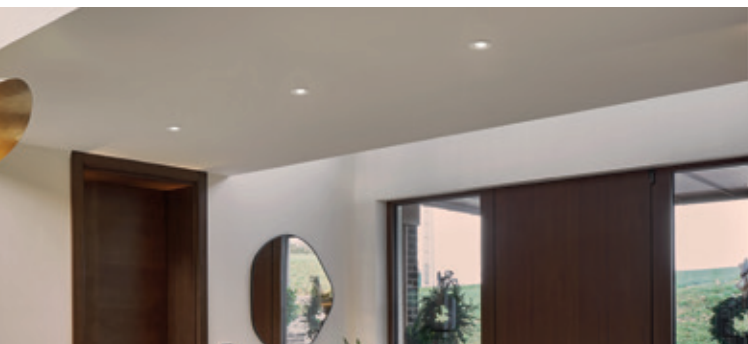


We test all
our products
in our own
**state of
the art lab**

What's new?

Take a look at all of our new additions

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



H2 Sense

PIR Downlight

Pages 22-23

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



WL95 Versa

Bulkhead

Pages 66-69

Wattage & colour switchable bulkheads
with plug-in accessories.





Uniform Versa

UGR 19 Classroom solution

Page 48

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



Caiman Versa

IP66 Anti-Corrosive

Pages 90-92

Wattage & colour switchable anti-corrosives with
unique installation feature



Residential downlights



Residential downlights

H2 Lite, H4 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, H4 Lite and H2 Pro Extreme have a proven history of excellent performance, fast installation, and lifetime you can trust.

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

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

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



Colour switchable product

One light, three or four colour temperatures

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

Advantages

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

2200K



2700K



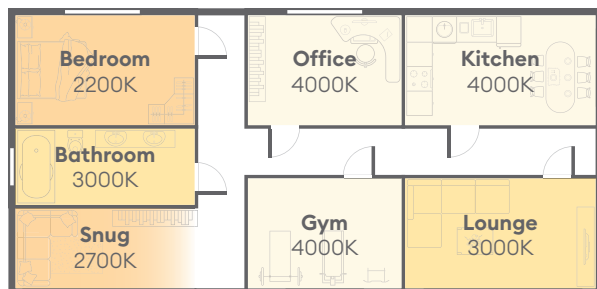
3000K



4000K



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



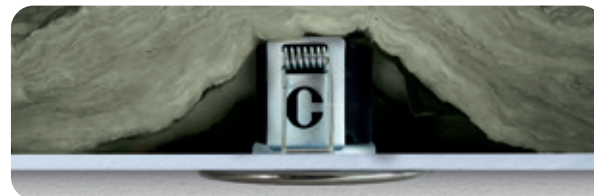
Insulation coverable

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-joint and metal web approved

Perfect for every installation

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



Residential downlights



Patented Easy-fit
connector for first &
second fix

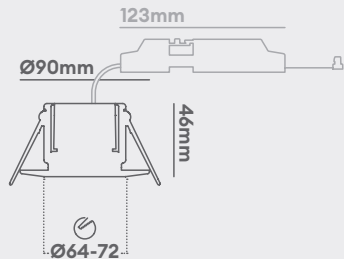


Shallow depth 46mm



Insulation coverable

| | |
|---------------------------|---|
| Guarantee | 10 years |
| Connector | Easy-fit connector |
| IP rating | IP65 (from below) IP20 (from above) |
| Bathroom zone | 1 |
| Dimmable | Yes (Mains) |
| Tilttable | No |
| CRI | CRI>80 |
| Input | 220-240V AC |
| SELV | Yes |
| Building regulations | Part B, C, E, P & L |
| Cut-out size | 64-72 |
| Insulation coverable | Rolled and blown insulation |
| Ceiling joist approved | Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min |



H2 Lite fixed

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



Multipack
8 x H2 Lite
White bezel included



| Product code | Finish | Type | W | CCT | Beam angle | Im | Im/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 | |
| DLT388MW5530 | Matt white | Single unit | 4.3W | 3000K | 55° | 460 | 107 | |
| DLT388MW5540 | Matt white | Single unit | 4.3W | 4000K | 55° | 490 | 114 | |
| DLT388MW5530A8 | Matt white | Multipack x 8 | 4.3W | 3000K | 55° | 460 | 107 | |

H4 Lite adjustable

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

10 year
guarantee



**Repairable
design**



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

Residential downlights



**Patented Easy-fit
connector for first &
second fix**

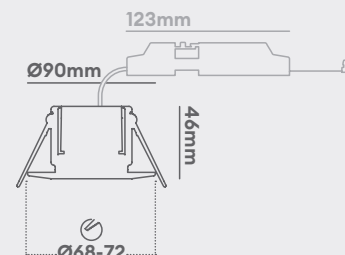


Adjustable with a 20° tilt



Insulation coverable

| | |
|-----------------------------------|---|
| Guarantee | 10 years |
| Connector | Easy-fit connector |
| IP rating | IP65 (from below) IP20 (from above) |
| Bathroom zone | 1 |
| Dimmable | Yes (Mains) |
| Tiltable | 20° |
| CRI | CRI>80 |
| Input | 220-240V AC |
| SELV | Yes |
| Building regulations | Part B, C, E, P & L |
| Cut-out size | 68-72 |
| Insulation coverable | Rolled and blown insulation |
| Ceiling joist approved | Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min |



Residential
downlights



Colour switchable
between 2700K, 3000K
and 4000K

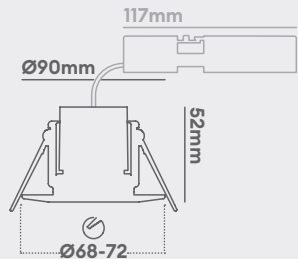


Wattage switchable
between 4.2W & 6W



Switches allow you
to choose options at
installation

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



H2 Lite CSP

Colour & Wattage Switchable using switches under bezel



Multipack
8 x H2 Lite CSP
White bezel included

Switches
under bezel



Click Flow
compatible



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

Bezels & converter plates

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



Twist & lock
interchangeable bezel

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

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

Residential downlights



Colour switchable
between 2700K, 3000K
and 4000K

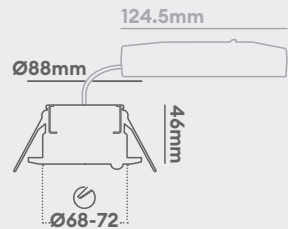


PIR light for switching
lights OFF that keep
getting left ON



High efficacy up to
113lm/W

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



H2 Sense

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

Integral
PIR



200W

Switch load
Control up to 30 other
H2 Sense products



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

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 Pro Extreme CSP

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



Repairable
design

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

Residential downlights



IP65 from above
and below for total
protection

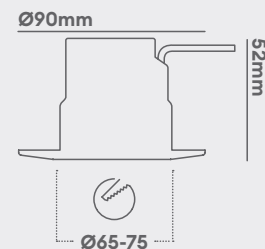


Suitable for use in
coastal applications

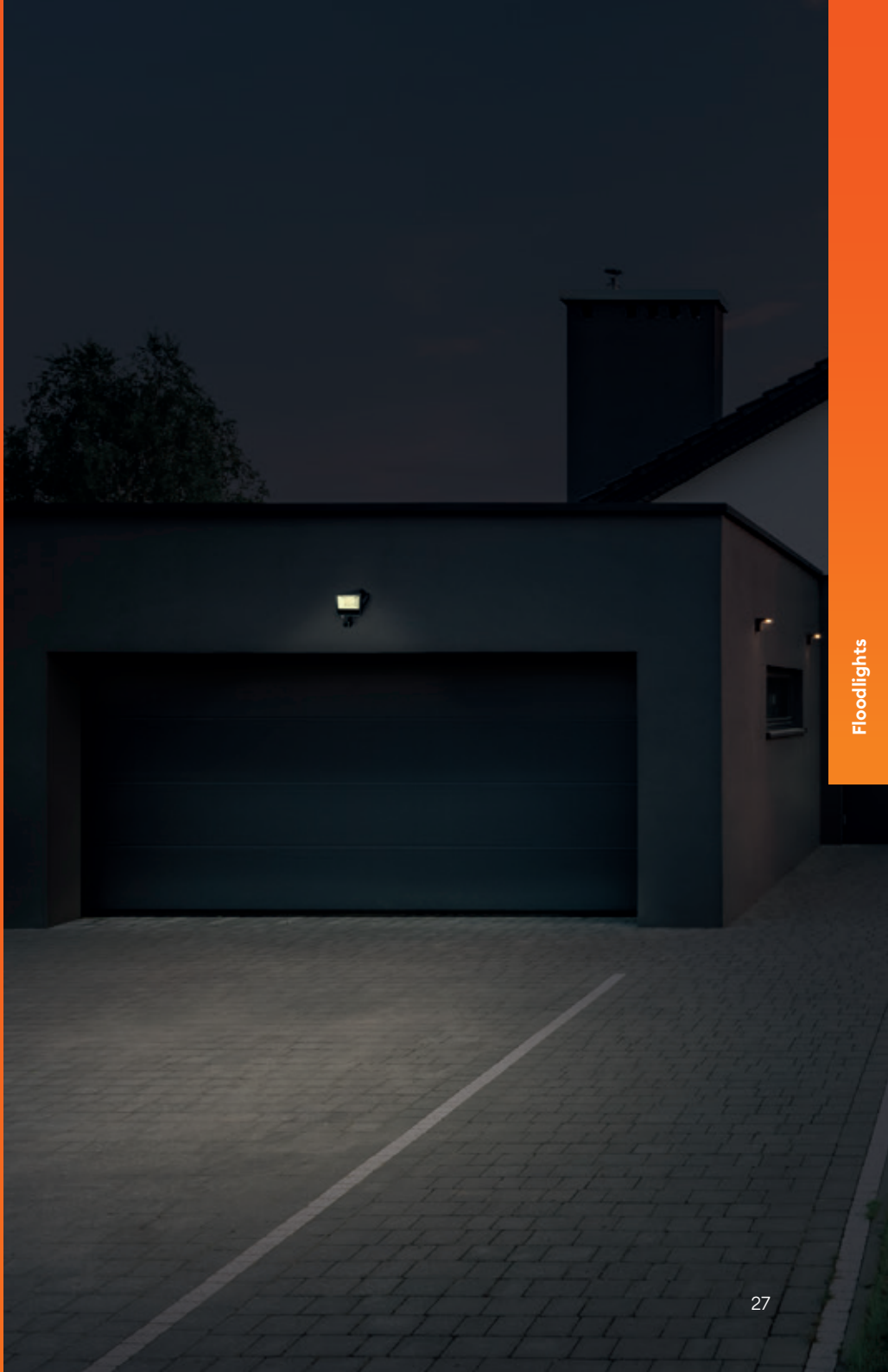


New 2200K to minimise
effects of blue light

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



Residential floodlights



Residential floodlights

Quick & easy installation bracket

Circular first fix bracket

The circular bracket is detachable and can be mounted to the surface before the rest of the product, allowing for a remarkably easy installation. The product is then simply bolted on to the bracket and the installation completed.

Advantages

- Quick & easy installation.
- This bracket is for first fixing onto the wall, and because it's circular, there is no need for spirit level.
- 360° rotation, allowing the floodlight to be installed in a variety of applications.
- Pre-wired with 1m cable.



360° rotatable and 180° tiltable

Flexibility and reliability

Combining 360° rotation and 180° tilt, this light can be pointed in any direction, ensuring you can illuminate a space from any position.

360° rotation

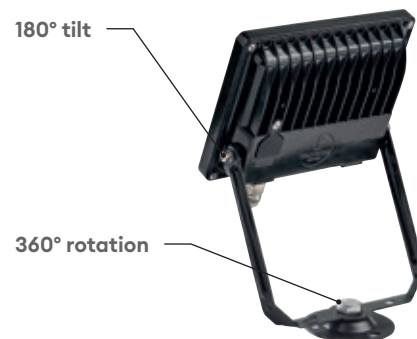
The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.

180° tiltable

The bracket directly attached to the floodlight allows the product to tilt both upwards and downwards.

Advantages

- Illuminate space from any direction.
- Can adjust into correct area after it's installed.



CCT switchable

One light, three colour temperatures

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

Advantages

- Simpler product range.
- Products can be easily adjusted after they are installed thanks to a convenient IP65 switch on the back.
- Always have the correct product on hand.

3000K



4000K



6500K



IP65 directional PIR sensor

PIR sensor: Passive infrared sensor

The IP65 rating provides optimum protection against the impacts of rainwater and general adverse weather conditions. The PIR sensor can rotate, meaning that the activation can occur in a different area to where the floodlight illuminates. For example, the sensor could be pointed to a door so that when a person exits the building a separate walkway is illuminated, increasing safety.

Advantages

- IP65 rated sensor ideal for adverse weather conditions.
- Sensor rotates allowing the activation to occur in a different area to the illumination.
- Easily adjust motion sensitivity, lux levels and time required on the sensor.
- Save your customer energy and money.



Coastal protection

Rust & salt mist protection

With corrosion resistant protection and coastal protective paint, our floodlights are perfect for use in coastal areas.

Advantages

- Feel confident you can install these floodlights anywhere.
- Can be installed into coastal areas without any worry of products failing.



Floodlights



High efficacy of up to 130lm/W

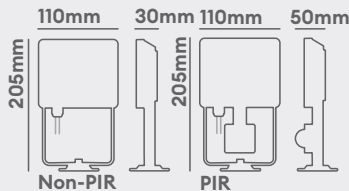


First fix bracket for quick & easy installation



Ideal for coastal areas

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



FL01

10W colour switchable floodlight suitable for 6.5m height



3 in 1
stock less &
sell more

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

FL02

20W colour switchable floodlight suitable for 9m height

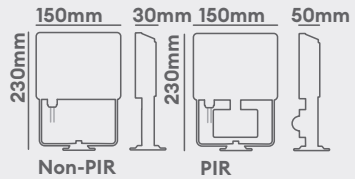


| Product code | Finish | Type | W | CCT | Beam angle | Im | lm/W | lx at 1m | Energy |
|--------------|----------------------------|------------|-----|-------|------------|------|------|----------|--------|
| FL02APCS | Anthracite grey RAL7016 | PIR sensor | 20W | 3000K | 120° | 2200 | 110 | 832 | |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

Floodlights

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

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



Floodlights



High efficacy of up to 130lm/W

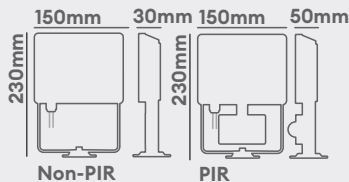


First fix bracket for quick & easy installation



Ideal for coastal areas

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



FL03

30W colour switchable floodlight suitable for 11m height



3 in 1
stock less & sell more

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

FL05

50W colour switchable floodlight suitable for 15m height



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

Floodlights



High efficacy of up to 112lm/W

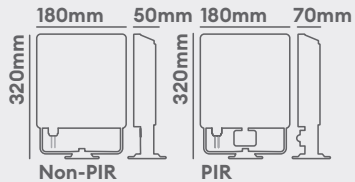


First fix bracket for quick & easy installation



Ideal for coastal areas

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



Floodlights



High efficacy of up to 118lm/W

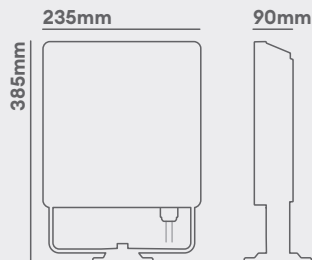


First fix bracket for quick & easy installation



Ideal for coastal areas

| | |
|---------------------|--------------|
| Guarantee | 5 years |
| Wattage | 100W |
| IP rating | IP65 |
| IK rating | IK07 |
| Tiltable | 180° |
| Rotatable | 360° |
| Dimmable | No |
| Input | 220-240V AC |
| LED lifetime | L70 50,000h |
| Connector | Flying lead |
| Ambient temperature | -40°C - 40°C |
| Electric class | 1 |



FL10

100W colour switchable floodlight suitable for 20m height



3 in 1
stock less & sell more



Easy install bracket

Install the bracket first and then attach the floodlight

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



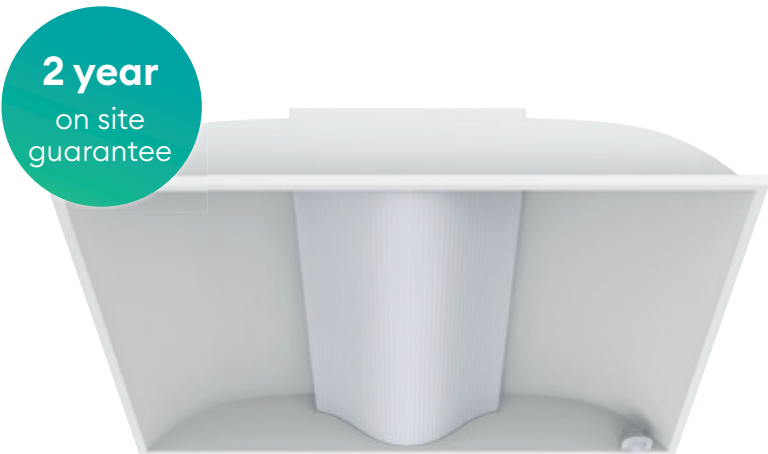
Panels





Trinity Versa 600x600

Direct/Indirect UGR19 Recessed Modular



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

| 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 |

Panels



UGR19

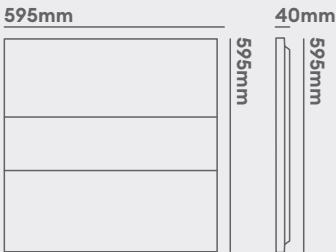


Wattage switchable from 13W to 26W



Ultra-efficient up to 156 Llm/W

| | |
|-----------------------------|---|
| Guarantee | 5 years (product), 3 years (emg battery), 2 years (on-site) |
| Wattage | 13 - 26W |
| IP rating | IP20 |
| Dimmable | Yes (DALI-2, PUSH-DIM) |
| UGR | 19 |
| TP rating | TP(a) |
| Input | 220-240V AC |
| Emergency version available | Manual, Self & DALI-2 options |
| Connector | Easy-fit connector |
| Electric class | 2 |



Panels



Low UGR with UGR16 available



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



Emergency option is available with LEDEP10EM

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



Solis 600 x 600

4000K + 5000K LED panel range

2 year
on site
guarantee



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

*Emergency pack sold separately

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

Solis 1200 x 300

1200 x 300 LED panel

2 year
on site
guarantee



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

*Emergency pack sold seperately

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

Panels



Low UGR with UGR16
available

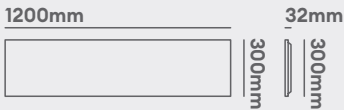


Dimmable with TRIAC
mains, Push-Dim, DALI 2
& 0-10V



Emergency option
is available with
LEDEP10EM

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



Panels



Low UGR with UGR19 available



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



Emergency option is available with LEDEP10EM

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



Solis 1200 x 600

1200 x 600 LED panel

2 year
on site
guarantee



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

*Emergency pack sold seperately












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

Panel accessories

Easily install panels anywhere

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

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

| Type | Use with 600 x 600mm panels | Use with 1200 x 300mm panels | Use with 1200 x 600mm panels |
|---------------------------|--|--|--|
| Surface mount kit |  <p>P2SMA</p> |  <p>P2SMB</p> |  <p>P2SMC</p> |
| Suspension mount kit |  <p>P1SK</p> |  <p>P1SK</p> | - |
| Wattage switchable driver |  <p>DRV3001050</p> |  <p>DRV3001050</p> |  <p>DRV3001050</p> |
| Emergency pack |  <p>LEDEP10EM</p> |  <p>LEDEP10EM</p> |  <p>LEDEP10EM</p> |

| 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 |
| LEDEP10EM | Emergency pack for converting panels into emergency manual-test option | Solis 600x600, 1200x300 & 1200x600 |

Battens



Battens

Uniform Versa

Wattage switchable: one light, four wattage outputs

Wattage switchable product enables one luminaire to meet various lux levels within a project using a wattage output switch.

30W



35W



40W



45W



IP44 & IK06

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

IK06

IP44

Borealis easy installation

Quick release button

The quick release buttons makes installation simple. Located on each end, and either side, they open up the batten to separate the diffuser and the gear tray from the base, with the hanging clips in place to ensure added convenience.



Emergency bolt-on & PIR bolt-on sensors

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

Up to 6m high

Install as high as 6m high.

Quick attachment

Fast 4 minute conversion time.

Easy attachment

M20 interface for easy installation.

LiFePO4 with 2-year guarantee

Long lasting battery.
(Emergency bolt-on only)

On/Off PIR control & daylight switching

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

EMBOLT...



PIRBOLT



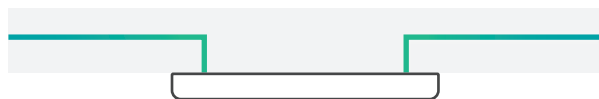
PIRBOLTDIM



20mm Cable entry

There are conduit/cable gland entry points from either side and the back of the fixture, which enables this product to satisfy many installation requirements, giving the option to conceal wiring behind the fixture or link them together via their loop-in loop-out terminal.

Rear cable entry



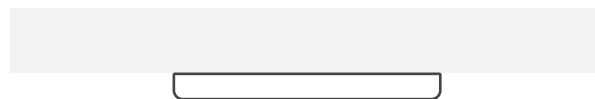
Side cable entry



BESA mounting options

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

Surface mounted



Suspended



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

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

Battens



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

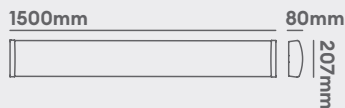


Ultra-efficient up to 150
Lm/W



UGR19 compliant low
glare lighting

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



Uniform Versa 5ft

Wattage Switchable UGR19 Linear with plug-in Versabox accessories

2 year
on site
guarantee



UGR19

| 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 | |

*Accessory sold separately

| Product code | Description |
|--------------|--------------------------------|
| UNVKITMWS | Microwave Sensor on/off plugin |

Borealis 4ft

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

2 year
on site
guarantee



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

| Product code | Size | Type | W | CCT | Beam angle | lm | lm/W | Em lm | Energy |
|--------------|--------|-----------|-----|-------|------------|------|------|-------|--------|
| BT4SS40 | Single | Standard | 20W | 4000K | 120° | 2600 | 130 | - | |
| BT4SS40EM | | Emergency | 20W | 4000K | 120° | 2600 | 130 | 250 | |
| BT4TS40 | Twin | Standard | 40W | 4000K | 120° | 5200 | 130 | - | |
| BT4TS40EM | | Emergency | 40W | 4000K | 120° | 5200 | 130 | 250 | |

Battens



High efficacy of
130lm/W



Suspended gear tray for
easy installation



Emergency option
available

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

1220mm



70mm



Battens



High efficacy of
130lm/W



Suspended gear tray for
easy installation



Emergency option
available

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



Borealis 5ft

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



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

 **smart**
Wireless available
on request

| Product code | Size | Type | W | CCT | Beam angle | Im | Im/W | Em Im | Energy |
|--------------|--------|-----------|-----|-------|------------|------|------|-------|--------|
| BT5SS40 | Single | Standard | 32W | 4000K | 120° | 4160 | 130 | - | |
| BT5SS40EM | | Emergency | 32W | 4000K | 120° | 4160 | 130 | 250 | |
| BT5TS40 | Twin | Standard | 54W | 4000K | 120° | 7020 | 130 | - | |
| BT5TS40EM | | Emergency | 54W | 4000K | 120° | 7020 | 130 | 250 | |

Borealis 6ft

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



2 year
on site
guarantee



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

 **smart**
Wireless available
on request

| Product code | Size | Type | W | CCT | ∠° | lm | lm/W | Em lm | Energy |
|--------------|--------|-----------|-----|-------|------|------|------|-------|---|
| BT6SS40 | Single | Standard | 42W | 4000K | 120° | 5200 | 124 | - |  |
| BT6SS40EM | | Emergency | 42W | 4000K | 120° | 5200 | 124 | 250 |  |
| BT6TS40 | Twin | Standard | 70W | 4000K | 120° | 8680 | 124 | - |  |
| BT6TS40EM | | Emergency | 70W | 4000K | 120° | 8680 | 124 | 250 |  |

Battens



High efficacy of
124lm/W



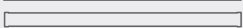
Suspended gear tray for
easy installation



Emergency option
available

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

1828mm



70mm



Commercial downlights



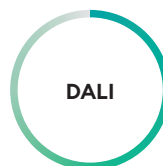
Dimming options

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



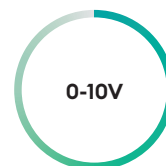
Mains

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



DALI

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



0-10V

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 too 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



Commercial downlights



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

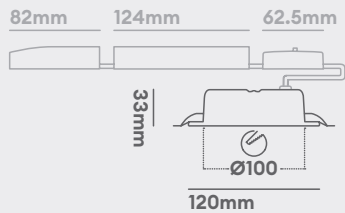


Highly efficient up to 120 Llm/W ensures low running costs



Quick and easy installation with plug & play connectors

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



Thea Lite CSP 100mm

Colour Switchable IP54 Downlight



| Product code | Finish | Dimmable | Driver | W | CCT | Beam | Im | Im/W | Energy |
|--------------|--------------------|-----------|--------------------------------|-----|-------|------|------|------|--------|
| THLIT | White RAL9003 | Mains-Dim | Driver Included Mains | 10W | 3000K | 80° | 1100 | 110 | |
| | | | | | 4000K | 80° | 1200 | 120 | |
| | | | | | 6000K | 80° | 1200 | 120 | |
| THLIX | White RAL9003 | Dimmable | Driver Excluded Use PS250600MA | 10W | 3000K | 80° | 1100 | 110 | |
| | | | | | 4000K | 80° | 1200 | 120 | |
| | | | | | 6000K | 80° | 1200 | 120 | |
| THLBIT | Matt Black RAL9005 | Mains-Dim | Driver Included Mains | 10W | 3000K | 80° | 1000 | 100 | |
| | | | | | 4000K | 80° | 1100 | 110 | |
| | | | | | 6000K | 80° | 1100 | 110 | |
| THLBIX | Matt Black RAL9005 | Dimmable | Driver Excluded Use PS250600MA | 10W | 3000K | 80° | 1000 | 100 | |
| | | | | | 4000K | 80° | 1100 | 110 | |
| | | | | | 6000K | 80° | 1100 | 110 | |

*Emergency pack sold separately

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

Thea Lite CSP 150mm

Colour Switchable IP54 Downlight



| Product code | Finish | Dimmable | Driver | W | CCT | Beam angle | Im | 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 | |
| THLB2X | Matt Black RAL9005 | Dimmable | Driver Excluded Use PS250600MA | 14W | 3000K | 90° | 1500 | 107 | |
| | | | | | 4000K | 90° | 1600 | 114 | |
| | | | | | 6500K | 90° | 1600 | 114 | |

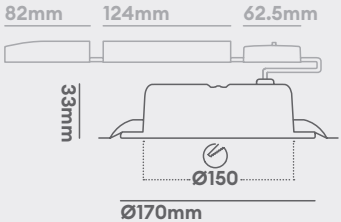
*Emergency pack sold separately

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

Commercial downlights

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

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



Commercial downlights



Colour temperature switchable, 3000K-4000K-6500K

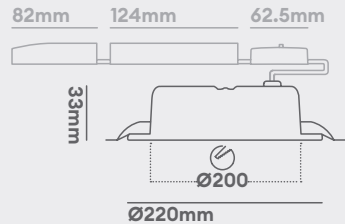


Highly efficient up to 120 Llm/W ensures low running costs



Quick and easy installation with plug & play connectors

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



Thea Lite CSP 200mm

Colour Switchable IP54 Downlight



| Product code | Finish | Dimmable | Driver | W | CCT | Beam angle | Im | lm/W | Energy |
|--------------|--------------------|-----------|--------------------------------|-----|-------|------------|------|------|--------|
| THL3T | White RAL9003 | Mains-Dim | Driver Included Mains | 20W | 3000K | 90° | 2200 | 110 | |
| | | | | | 4000K | 90° | 2400 | 120 | |
| | | | | | 6500K | 90° | 2400 | 120 | |
| THL3X | White RAL9003 | Dimmable | Driver Excluded Use PS250600MA | 20W | 3000K | 90° | 2200 | 110 | |
| | | | | | 4000K | 90° | 2400 | 120 | |
| | | | | | 6500K | 90° | 2400 | 120 | |
| THLB3T | Matt Black RAL9005 | Mains-Dim | Driver Included Mains | 20W | 3000K | 90° | 2050 | 103 | |
| | | | | | 4000K | 90° | 2250 | 113 | |
| | | | | | 6500K | 90° | 2250 | 113 | |
| THLB3X | Matt Black RAL9005 | Dimmable | Driver Included | 20W | 3000K | 90° | 2050 | 103 | |
| | | | | | 4000K | 90° | 2250 | 113 | |
| | | | | | 6500K | 90° | 2250 | 113 | |

*Emergency pack sold separately

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

CDL 12-18W

Colour and wattage switchable commercial downlight



2 year
on site
guarantee



| Product code | Finish | W | CCT | Beam angle | 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 | |

Commercial downlights



Colour switchable
between 3000k, 4000K
& 6500K

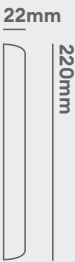
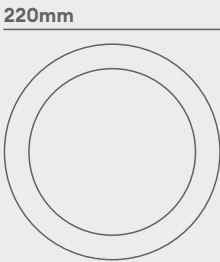


Wattage switchable
between 12W & 18W



High efficacy of up to
120lm/W

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



Bulkheads



Bulkheads

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



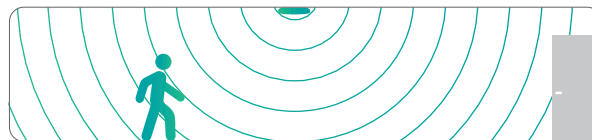
Manual-test, Self-test DALI-2 test plug-in options

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.

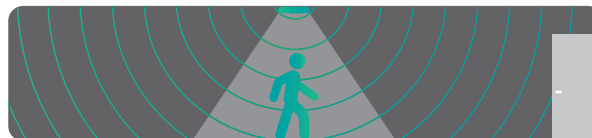
Sufficient daylight

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



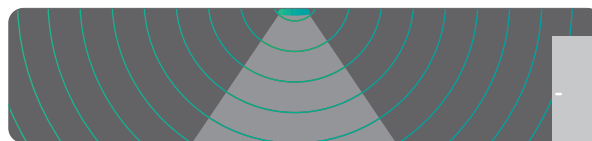
Insufficient daylight

With insufficient 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.



Bulkheads



CCT switchable between 3000K, 4000K & 6500K

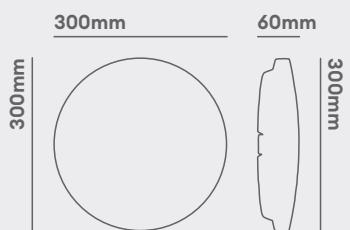


Quick and easy installation bracket



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 | 2 |



WL94 10W

IP44 LED slim decorative Bulkhead

2 year on site guarantee



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

WL94 18W

IP44 LED slim decorative Bulkhead

2 year
on site
guarantee



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

Bulkheads



CCT switchable between
3000K, 4000K & 6500K

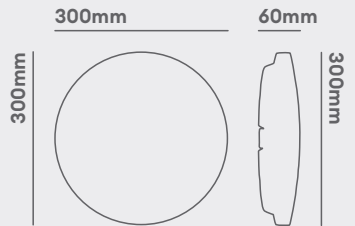


Quick and easy
installation bracket



Emergency option
available

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



Bulkheads



CCT switchable between
3000K, 4000K & 6000K

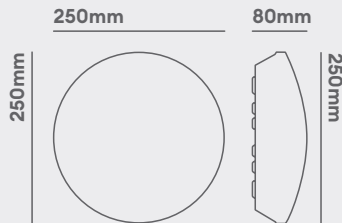


Wattage switchable
options from 5W to 20W



IK09 for impact
protection

| | |
|--------------------------------|---|
| Guarantee | 5 years (product), 5 years (battery), 2 years (on-site) |
| Wattage | 5-6.5-8W |
| IP rating | IP65 |
| Dimmable | Yes (DALI-2) |
| 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 | 2 |



WL95 Versa 5W - 8W

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

Coming soon

2 year
on site
guarantee



Plug-in
kits available

| Product code | Finish | Type | W | CCT | Beam angle | Im | Im/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 | |
| | | | | 6000K | 115° | 1000 | 154 | |
| | | | 8W | 3000K | 115° | 1200 | 150 | |
| | | | | 4000K | 115° | 1250 | 156 | |
| | | | | 6000K | 115° | 1250 | 156 | |

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

WL95 Versa 5W - 8W

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

Coming soon

2 year
on site
guarantee



Plug-in
kits available

| 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 | |
| | | | | 6000K | 115° | 1000 | 154 | |
| | | | 8W | 3000K | 115° | 1200 | 150 | |
| | | | | 4000K | 115° | 1250 | 156 | |
| | | | | 6000K | 115° | 1250 | 156 | |
| | | | | 3000K | 115° | 950 | 146 | |
| | | | | 4000K | 115° | 1000 | 154 | |
| | | | | 6000K | 115° | 1000 | 154 | |

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

Bulkheads



CCT switchable between
3000K, 4000K & 6000K

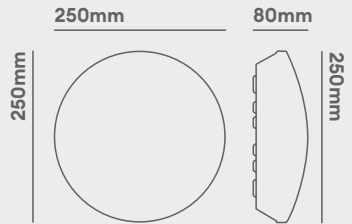


Wattage switchable
options from 5W to 20W



IK09 for impact
protection

| | |
|--------------------------------|---|
| Guarantee | 5 years (product), 5 years (battery), 2 years (on-site) |
| Wattage | 5-6.5-8W |
| IP rating | IP65 |
| Dimmable | Yes (DALI-2) |
| 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 | 2 |



Bulkheads



CCT switchable between
3000K, 4000K & 6000K

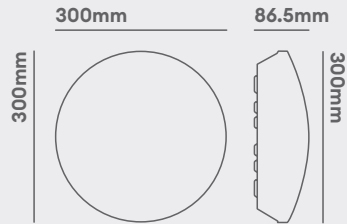


Wattage switchable
options from 5W to 20W



IK09 for impact
protection

| | |
|--------------------------------|---|
| Guarantee | 5 years (product), 5 years (battery), 2 years (on-site) |
| Wattage | 10-15-20W |
| IP rating | IP65 |
| Dimmable | Yes (DALI-2) |
| 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 | 2 |



WL95 Versa 10W - 20W

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

Coming soon

2 year
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 | |
| | | | | 6000K | 115° | 2200 | 147 | |
| | | | 20W | 3000K | 115° | 2800 | 140 | |
| | | | | 4000K | 115° | 3000 | 150 | |
| | | | | 6000K | 115° | 3000 | 150 | |
| | | | | 3000K | 115° | 2100 | 140 | |
| | | | | 4000K | 115° | 2200 | 147 | |
| | | | | 6000K | 115° | 2200 | 147 | |

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

WL95 Versa 10W - 20W

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

Coming soon

2 year
on site
guarantee



Plug-in
kits available

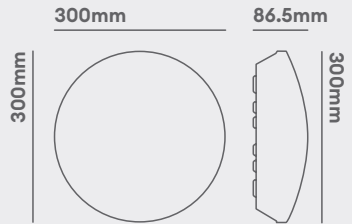
| Product code | Finish | Type | W | CCT | Beam angle | lm | lm/W | Energy |
|--------------|--------|--------------|-----|-------|------------|------|------|--------|
| WL95B3NCS | Black | 300mm On-Off | 10W | 3000K | 115° | 1450 | 145 | |
| | | | | 4000K | 115° | 1500 | 150 | |
| | | | | 6000K | 115° | 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 | |
| | | | | | | | | |

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

Bulkheads

- 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 | 10-15-20W |
| IP rating | IP65 |
| Dimmable | Yes (DALI-2) |
| 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 | 2 |











WL95 Versa accessories

Make your WL95 Versa perfect for your installation

A variety of plug-in options available 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 |

Bulkheads



CCT switchable between
3000K, 4000K & 5000K



Up to 165lm/W efficacy



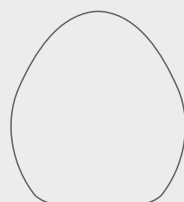
Integral photocell as
standard

| | |
|-----------------------------|-------------------------------------|
| Guarantee | 5 years |
| Wattage | 10W or 17W |
| IP rating | IP66 |
| Dimmable | No |
| Input | 220-240V AC |
| LED lifetime | L70 54,000h |
| Emergency version available | Yes, 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 | 1 |

293mm

97mm

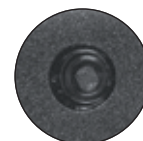
289mm



Arc 10W & 17W

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

2 year
on site
guarantee



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



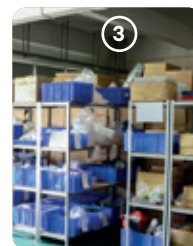
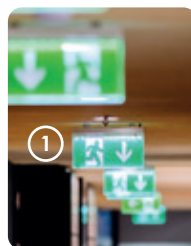
Emergency lighting



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



① Blade

② Box / Bulkhead

③ Route

④ Max

Mounting options

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

Self-test vs. Manual test

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

Manual test

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

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

Self-test

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

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

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

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

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

Maintained vs Non-maintained

Maintained

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

Non-maintained

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

Emergency lighting



LiFePO4 battery
available

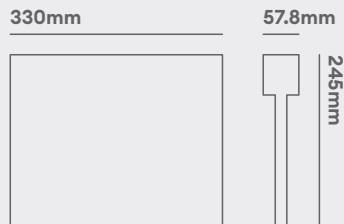


Self-test or Manual test
available



Auxiliary floor
illumination to light
areas under fitting

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



Salvus Emergency Exit Blade

50lm, emergency exit blade, 30m viewing distance



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

Salvus Emergency Exit Box

47lm, emergency exit box, 35m viewing distance



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

Emergency lighting



LiFePO4 battery
available



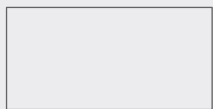
Self-test or Manual test
available



Auxiliary floor
illumination to light
areas under fitting

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

390.3mm



195.3mm



30mm

Emergency lighting



LiFePO4 battery available



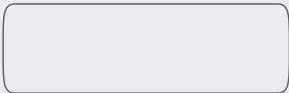
Self-test or Manual test available



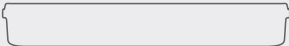
IP65 suitable for outdoor environments

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

355mm



110mm



56mm

Salvus Emergency Bulkhead

145lm, emergency bulkhead, 18m viewing distance



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

Salvus Max

High output non-maintained emergency bulkhead

wattage
switchable



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

Emergency lighting

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

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



Emergency lighting



High efficacy of
130lm/W

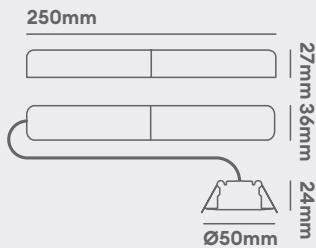


Quick and easy
installation with loop-in/
loop-out connector



Low energy consumption
of 1W

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



Salvus Route

High Performance Emergency Spot

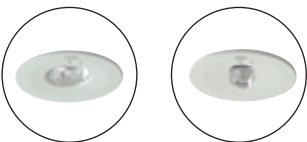


Open and corridor area lenses
Included

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

Salvus Surface

High Performance Emergency Spot



Open and corridor area lenses
Included

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

Emergency lighting



High efficacy of
140lm/W

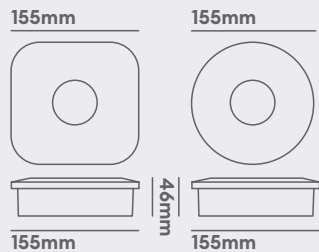


Quick and easy
installation with loop-in/
loop-out connector



Low energy consumption
of 2W

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



Emergency lighting



LiFePO4 battery
available

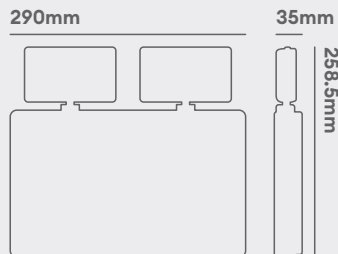


Self-test available



IP65 suitable for outdoor
environments

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



Salvus Emergency Twin Spot

400lm, self test emergency twin spot












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

Salvus emergency accessories

Make your emergency lighting perfect for your install

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

Use the tables below to choose the perfect accessory

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

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

Anti- corrosives



Anti-corrosives

Wattage & CCT switchable

Wattage switchable: one light, two wattage outputs

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

Advantages

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

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

CCT switchable: one light, three CCT temperatures

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

Advantages

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

3000K Warm White



4000K Cool White



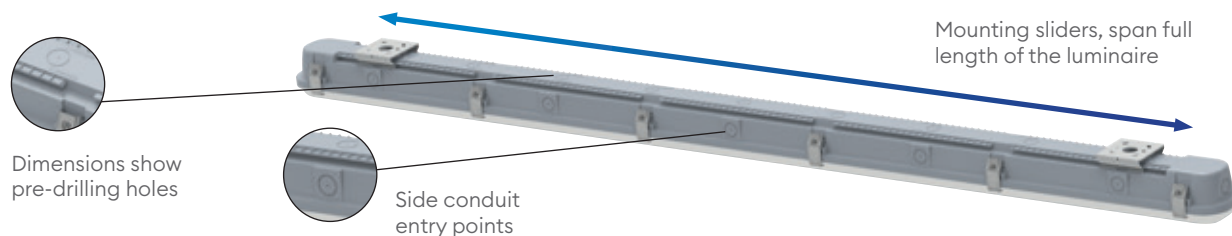
5700K Daylight



Time saving installation

Fully flexible first-fix bracket

A unique full mounting slider which spans the full length of the luminaire on the back of the housing. The feature removes the need for measuring up where to place your bracket drill points because the bracket can go anywhere on the slider.



Mounting options

Caiman Versa

Caiman Versa is suitable for when the mains cable entry is fed via the rear or the side conduit of the product. It can be mounted to BESA using accessory ACBESA or using the standard bracket supplied, installed on ceilings, walls or suspended on chain.



Dimmable



0-10V
PUSH DIM
DALI-2

Microwave



Microwave On-Off
Microwave STEP-DIM

Emergency



Manual-test
Self-test
DALI-2 test

IP66 & IK10



High impact and high
water and dust resistance

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 | -20°C - 35°C |
| Electric class | 1 |

1200mm



92.3mm



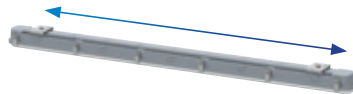
Caiman Versa 4ft

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

2 year
on site
guarantee



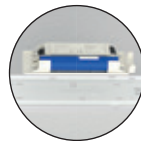
Sliding bracket
spans length of luminaire



Plug & Play
Microwave sensor



Plug & Play
EM sensor



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

*Replace 'N' at the end of the part code with: 'NEM' for Manual-test Emergency models | Plug in kits also available as
separate accessories.

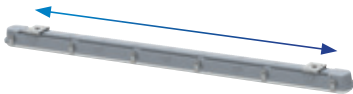
Caiman Versa 5ft

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

2 year
on site
guarantee



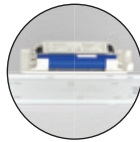
Sliding bracket
spans length of luminaire



Plug & Play
Microwave sensor



Plug & Play
EM sensor



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

*Replace 'N' at the end of the part code with: 'NEM' for Manual-test Emergency models | Plug in kits also available as separate accessories.

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 | 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 | -20°C - 35°C |
| Electric class | 1 |

1500mm



92.3mm



Anti-corrosives



CCT switchable between
3000K, 4000K & 5700K



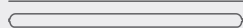
Wattage Switchable



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 | -20°C - 35°C |
| Electric class | 1 |

1800mm



92.3mm



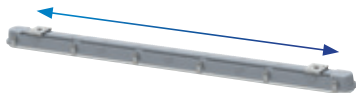
Caiman Versa 6ft

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

2 year
on site
guarantee



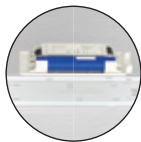
Sliding bracket
spans length of luminaire



Plug & Play
Microwave sensor



Plug & Play
EM sensor



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

*Replace 'N' at the end of the part code with: 'NEM' for Manual-test Emergency models | Plug in kits also available as
separate accessories.





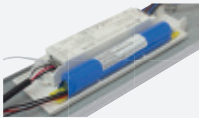
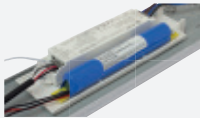
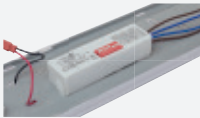
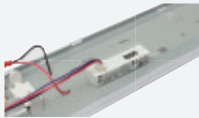


Caiman anti-corrosive accessories

Make your anti-corrosive perfect for your installation

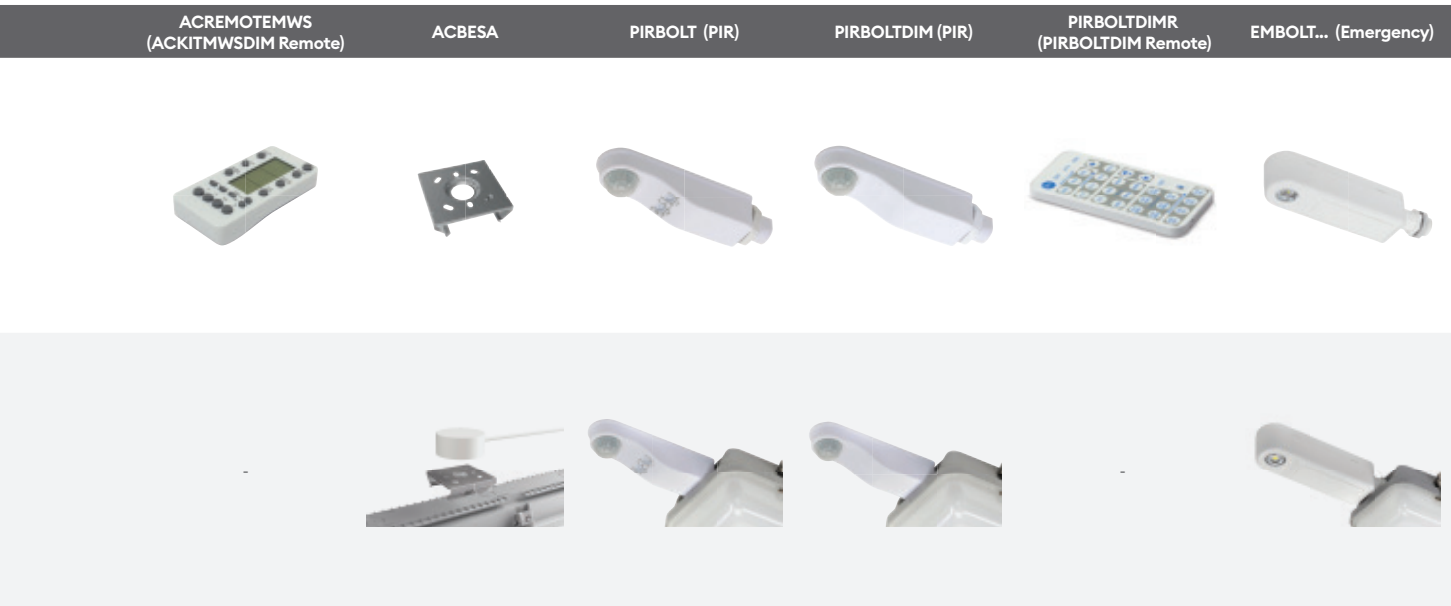
Optional PIR sensor and emergency accessories combine excellence and unrivalled cost savings.

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

| | ACKITMANEM | ACKITSELFEM | 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 |
| ACKITSELFEM | Self Test Emergency plug-in Versabox | Caiman Versa |
| ACKITMWS | Microwave Sensor on/off plug-in Versabox | Caiman Versa |
| ACKITMWSDIM | Microwave Sensor Dim plug-in Versabox (requires 0-10V driver) | Caiman Versa |
| ACREMOTEMWS | Remote for Microwave Sensor | Caiman Versa |
| ACBESA | BESA Mounting Bracket | Caiman Versa |



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

High bays



Springbok Lite

Economical high bay for fast return on investment

Energy savings

Payback as quick as 2 months

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

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

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

Refractor accessories

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



HBL1REFR
For 80W product



HBL2REFR
For 100W product



HBL3REFR
For 200W product

Microwave sensors

For up to an additional 82% energy savings

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

Motion sensor

Only turn your light on when movement is detected.

Daylight switching

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

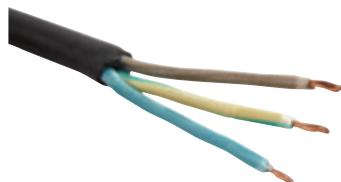
Quick & easy installation

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



Quick & easy installation

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



IP65 & IK08

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



Warranty

Long warranty for piece of mind.



**4 year
guarantee**



**2 year on-site
warranty**

Area Bay

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



Best practice for energy & cost savings

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

1 Quality optics

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

Efficient lighting design

2 Motion detection

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

Save up to 60%

3 Daylight detection

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

Save up to an additional 22%

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

Quality optics

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

Less fittings required providing energy and cost savings.

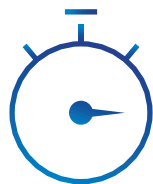


Motion sensors - Quick & easy installation

Save time on the installation ultimately savings costs on installation.

Quick tool-less connection

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



Takes under
3 seconds



Installation is
Tool-less

Simple & easy remote

Commission your Area Bay from the floor.

Hold Time: how long the light stays on after movement is no longer detected

Stand-by Dimming: what level the light should dim to after movement is no longer detected

Stand-by Period: how long after no movement is detected, does the luminaire wait until switching off

Detection Range: enables you to adjust the sensitivity of sensor

Daylight Threshold: set to only switch the light on when the natural light in the space is insufficient for the task



PIR Vs Microwave sensors

It's important to know when to choose between a PIR sensor and a Microwave sensor.

PIR sensor

Ideal for use in aisles.

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

Product code : HBPIR
with daylight switch

Product code : HBPIRDL
PIR with daylight harvest sensor



Microwave sensor

Ideal for use in open areas.

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

Product code : HBMWS
with daylight switch



Area Bay

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

Refractor accessories

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



HBA12REFR
For 100W - 150W product



HBA3REFR
For 200W product



HBA4REFR
For 240W product

Step-Dim

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



Warranty

Long warranty for piece of mind.



5 year
guarantee



2 year on-site
warranty

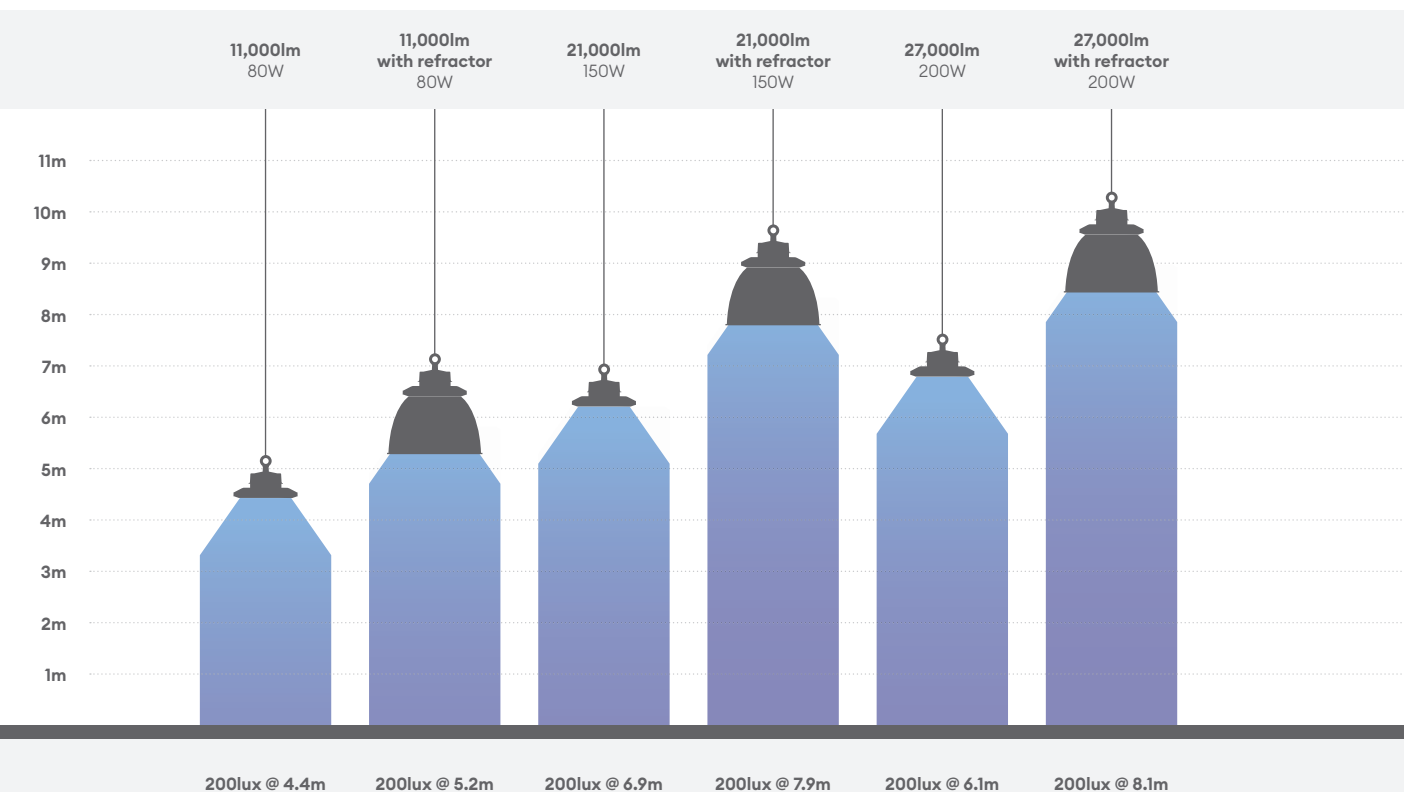
Design guide

Which high bay is suited to your project?

Use the diagram below to choose your ideal high bay, or for a consultation on your requirements, contact our expert team today. The designers inside The Studio at Collingwood are able to offer expertise throughout the lighting design process, putting together full schemes based around our comprehensive product range. Detailed client consultation ensures a high quality and tailored service.

Springbok Lite - Open goods storage

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



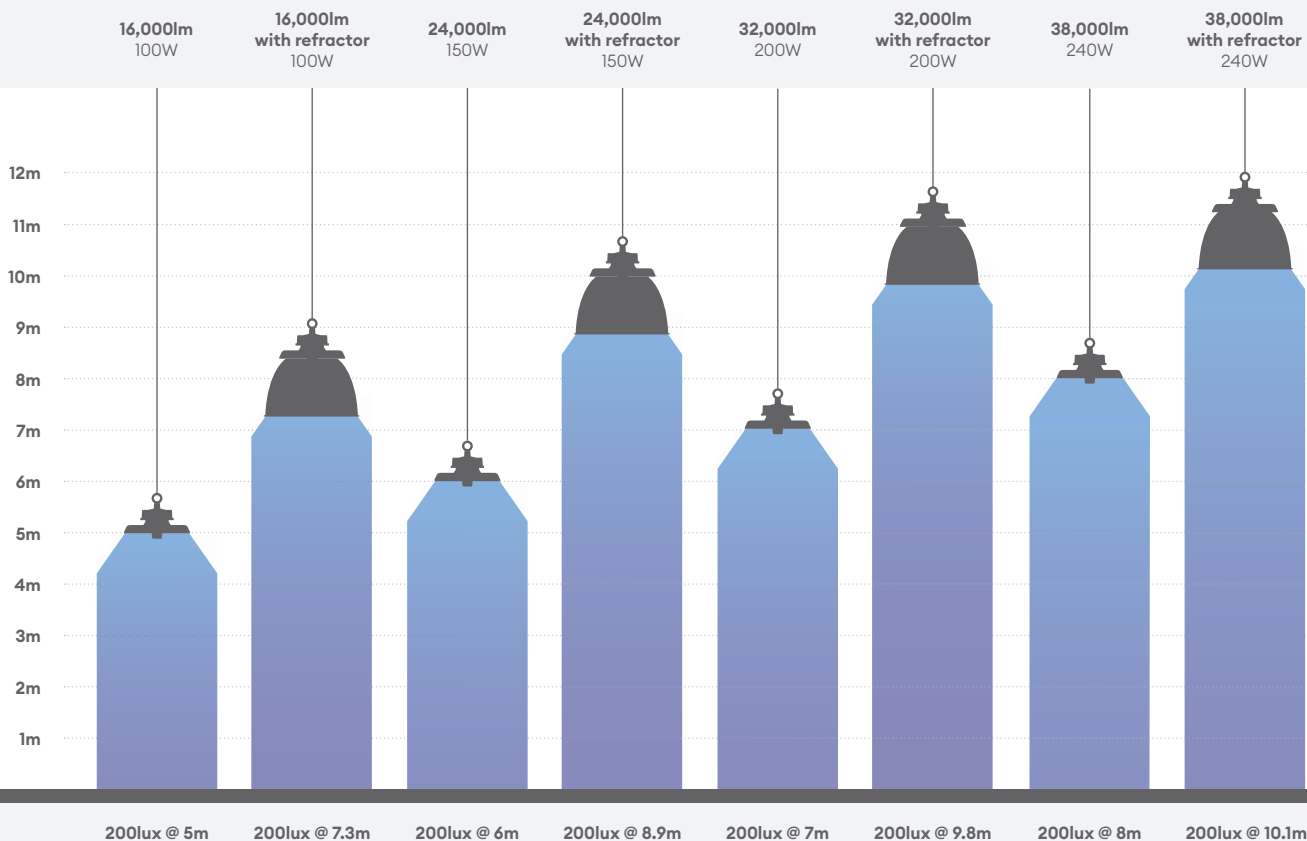
Design guide

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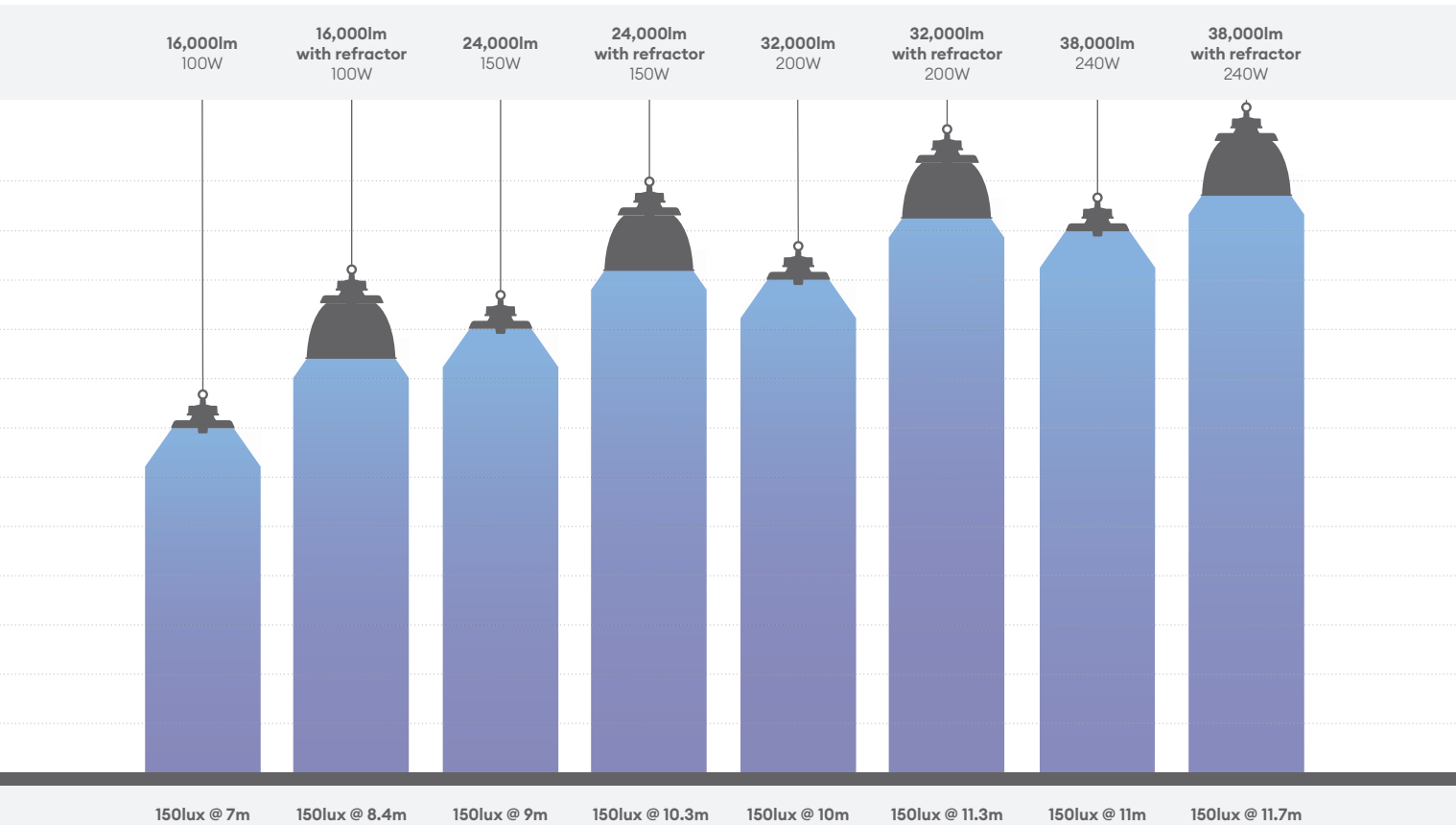
Area Bay - Open goods storage

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



Area Bay - Rack storage floor

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



High bays



High efficacy of
160lm/W

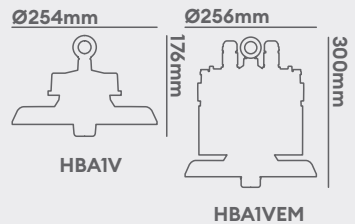


Very light weight for
easy installation



Emergency option
available

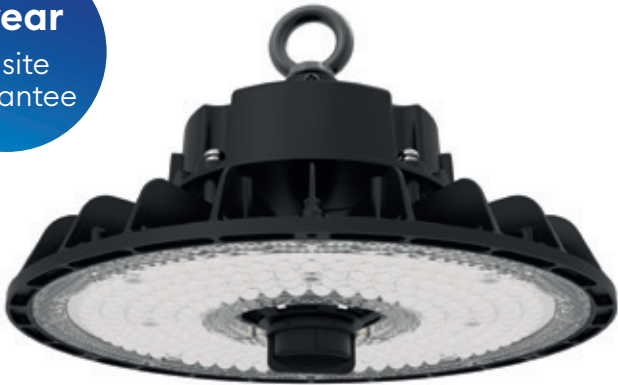
| | |
|------------------------------------|--|
| Guarantee | 5 years, 2 years on emergency battery |
| Wattage | 100W |
| IP rating | IP65 |
| IK rating | IK10 |
| Dimmable | Yes (0-10V, PWM and DALI-2) |
| Input | 220-240V AC Surge Protection 6KV |
| LED lifetime | L80 54,000h |
| Emergency version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



Area Bay 16,000lm 100W

100W High bay luminaire (Replaces 2x80W T5)

2 year
on site
guarantee



UGR22
Refractor

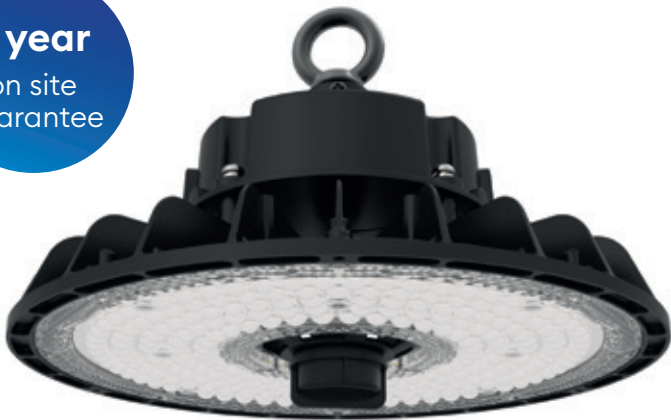


| Product code | Finish | Type | W | CCT | ° | lm | lm/W | Em lm | Energy |
|----------------|-----------------------|-----------|------|-------|------|-------|------|-------|--------|
| HBA1V | Matt black RAL9017 | Standard | 100W | 4000K | 110° | 16000 | 160 | - | |
| HBA1VEM | Matt black RAL9017 |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

Area Bay 24,000lm 150W

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

2 year
on site
guarantee



UGR22
Refractor

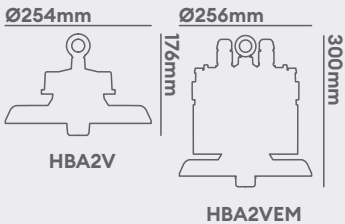


| Product code | Finish | Type | W | CCT | ⤴ | lm | lm/W | Em lm | Em lm |
|--------------|-----------------------|-----------|------|-------|------|-------|------|-------|-------|
| HBA2V | Matt black RAL9017 | Standard | 150W | 4000K | 110° | 24000 | 160 | - | |
| HBA2VEM | Matt black RAL9017 | Emergency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

High bays

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

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



High bays



High efficacy of
160lm/W

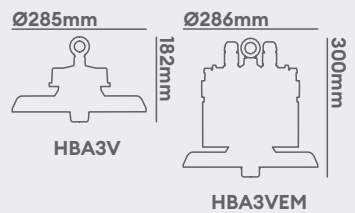


Very light weight for
easy installation



Emergency option
available

| | |
|-----------------------------|--|
| Guarantee | 5 years, 2 years on emergency battery |
| Wattage | 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 | -40°C - 50°C |
| Electric class | 1 |



Area Bay 32,000lm 200W

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

2 year
on site
guarantee



UGR22
Refractor



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

Area Bay 38,000lm 240W

240W High bay luminaire

2 year
on site
guarantee



UGR22
Refractor



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

High bays



High efficacy of
160lm/W



Very light weight for
easy installation



Emergency option
available

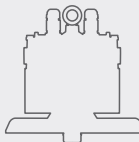
| | |
|-----------------------------|---------------------------------------|
| Guarantee | 5 years, 2 years on emergency battery |
| Wattage | 240W |
| IP rating | IP65 |
| IK rating | IK10 |
| Dimmable | Yes (0-10V, PWM and DALI-2) |
| Input | 220-240V AC Surge Protection 6KV |
| LED lifetime | L80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

Ø315mm



HBA4V

Ø316mm














HBA4VEM

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 | HBPIRDL | HBMWS | HBREM | 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 |
| HBPIRDL | 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 |
| HBREM | Remote control for commissioning | Area bay |
| HBLEMGREM | High Bay, 6W 1000lm, Emergency Conversion Pack, Manual test | Area bay |



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

High bays



High efficacy of
138lm/W

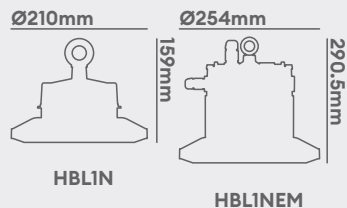


Sensor kit includes
junction box and
counter weight



Emergency option
available

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



Springbok Lite

11,000lm 80W

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

2 year
on site
guarantee



UGR22
Refractor



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

Springbok Lite

21,000lm 150W

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

2 year
on site
guarantee



UGR22
Refractor



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

High bays



High efficacy of
140lm/W

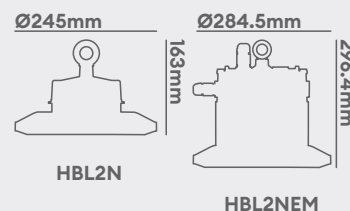


Sensor kit includes
junction box and
counter weight



Emergency option
available

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



High bays



High efficacy of 135lm/W

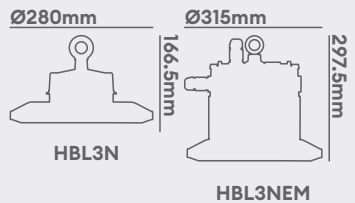


Sensor kit includes
junction box and
counter weight



Emergency option
available

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



Springbok Lite

27,000lm 200W

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

2 year
on site
guarantee



UGR22
Refractor



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

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



| 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 |

Low bays



Low bays

High efficacy & savings

Quick payback

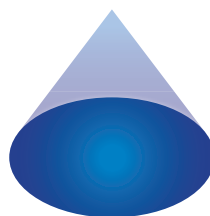
Provide slightly more light, whilst using much less power, resulting in excellent cost savings and quick payback

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

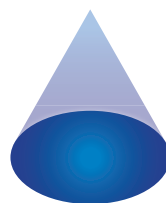
Beam angles

Symmetric vs asymmetric

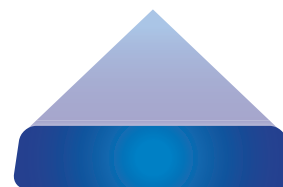
Offering three different beam angles, the Lentus low bay can be used for general lighting or aisles.



120°
general lighting
(circular output)



90°
general lighting
(circular output)



50°x90°
aisle lighting
(rectangular output)

PIR bolt-on sensor

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

Up to 6m high

Install as high as 6m high.

Quick attachment

Fast 4 minute conversion time.

Easy attachment

M20 interface for easy installation.

On/Off PIR control & daylight switching

Save energy and money.



PIRBOLT



PIRBOLTDIM

Easy installation

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

Lightweight

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

Aisle spaces

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

Compact

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

Dimming

1-10V

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



Flicker free

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

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



Low bays



High efficacy of
150lm/W



Very light weight 2.5kg
for easy installation



Emergency option
available

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

577mm



59mm



Lentus 100W

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

2 year
on site
guarantee



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

 **smart**

Wireless available
on request

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

Lentus 150W

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

2 year
on site
guarantee



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

 **smart**

Wireless available
on request

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

Low bays



High efficacy of
147lm/W



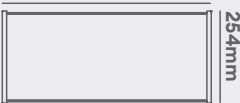
Very light weight 2.5kg
for easy installation



Emergency option
available

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

577mm



59mm









Lentus low bay accessories

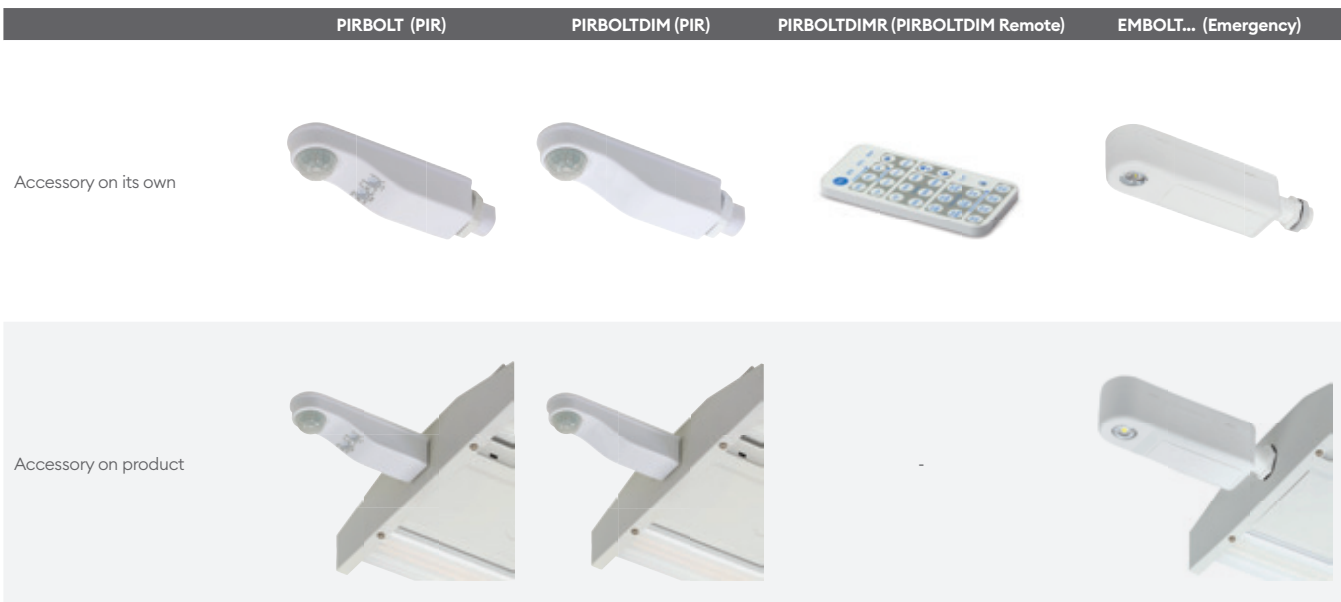
Make your low bay perfect for your installation

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

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

| | LBAL90 | LBAL5090 | LBACM |
|----------------------|--|---|--|
| Accessory on its own |  |  |  |
| Accessory on product |  |  |  |

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



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

Industrial floodlights



Industrial floodlights

Easy installation

Tool free access

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

Angle stamped bracket

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

1m cable

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

Daylight savings

Photocell kit accessory (PCELLKIT)

Outdoor photocell (Dusk to Dawn) sensor kit for use with all outdoor luminaires to keep the lights **off** when it is daylight outside.

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



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:

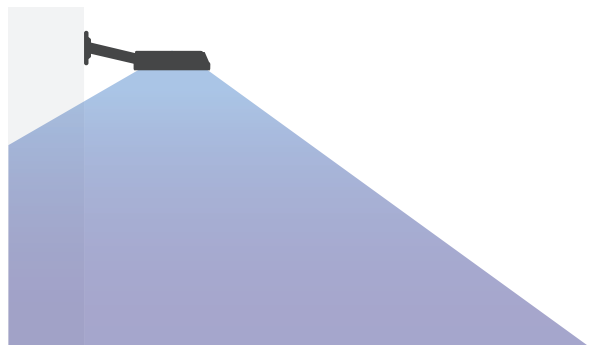
K3 65-125W (2.5kg) 1.39m²
K3 125-200W (4.5kg) 1.09m²
K3 300W (7.1kg) 0.74m²



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.



IP65 & IK08

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.



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



Industrial floodlights



High efficacy up to 156lm/W

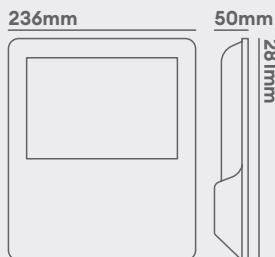


Wattage switchable between 65-125W



Suitable for use in coastal applications

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



Indy K3 65-80-125W

Wattage Switchable Symmetrical Floodlight

2 year
on site
guarantee



Photocell accessory PCELLKIT
compatible, 3 floodlights per photocell

| Product code | Finish | W | CCT | Beam angle | Im | Im/W | Energy |
|--------------|--------|-----|-------|------------|-------|------|--------|
| IFLB1N30 | Black | 65 | 3000K | 120° | 9500 | 146 | |
| | | 80 | 3000K | 120° | 12000 | 150 | |
| | | 125 | 3000K | 120° | 19000 | 152 | |
| IFLB1N40 | Black | 65 | 4000K | 120° | 10000 | 154 | |
| | | 80 | 4000K | 120° | 12500 | 156 | |
| | | 125 | 4000K | 120° | 19500 | 156 | |

Indy K3 125-165-200W

Wattage Switchable Symmetrical Floodlight

2 year
on site
guarantee



Photocell accessory PCELLKIT
compatible, 2 floodlights per
photocell

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

Industrial floodlights



High efficacy up to
152lm/W

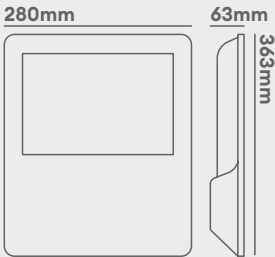


Wattage switchable
between 125-200W



Suitable for use in
coastal applications

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



Industrial floodlights



High efficacy up to 147lm/W

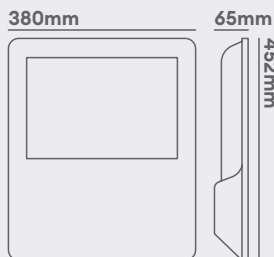


High power 300W



Suitable for use in coastal applications

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



Indy K3 300W

Symmetrical floodlight suitable for commercial and industrial applications



Photocell accessory PCELLKIT
compatible, 1 floodlight per photocell

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

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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Published November 2024



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