collingwood

essentials

February **2023**

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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We aim to
be carbon
neutral by
2030

Build a better future

Sustainability is at the core of everything we do

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

Silver medal EcoVardis

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

Recycling

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

Energy from renewable sources

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

Waste experts partnership

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

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

Greener packaging

Reduce, re-use & recycle

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

100% recyclable

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

FSC approved card

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

Less wastage

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

Less ink

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

collingwood

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 long 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

With the majority of our commercial products we offer a two year on site warranty.

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 Lite | H4 Lite

Efficient & Sustainable performance

Page 18-19

New 7 year warranty and slim depth of just 46mm.

H2 Lite CSP

'Switched-on' to the application

Page 20

Warm or cool, Intense or soft light, You choose.

Wall Lights

Outdoor lighting with character

Page 34-38

Straight to mains designed for quick easy retrofit.

LSP Strip

High performance invisible light

Page 26

2000lm LED strip bright enough for a primary light source.

Springbok Lite

Economical high bay for quick payback

Page 114

Emergency and sensor options available.

Area Bay

Light ON when needed

Page 118

Unique lens design reduces quantity of fittings.

Halo

360° soft glow lighting

Page 72

Adds interest to building entrances.

Arc

Efficient, considerate lighting

Page 73

Market leading 165Llm/W performance.

Residential downlights

Quick & easy installation

Easy-fit connector: Push-fit terminal connector

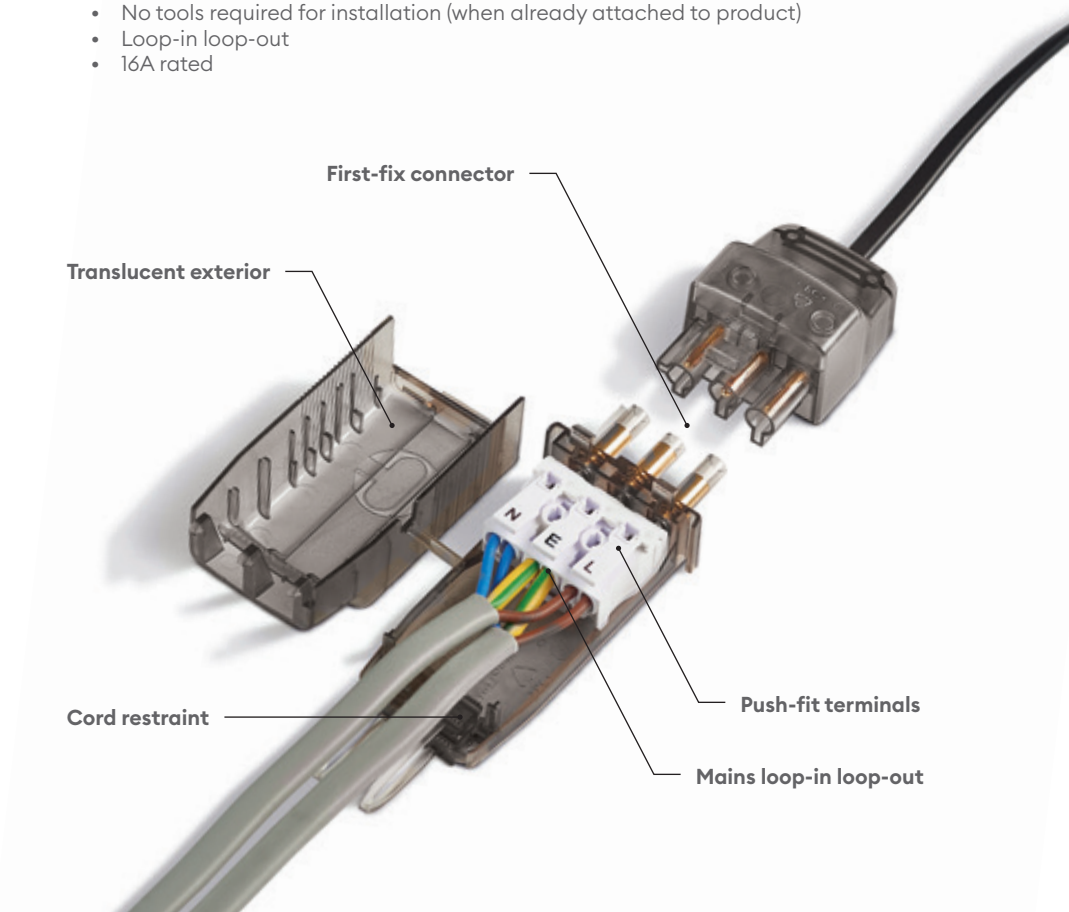
Our patented Easy-fit connector supplied with H2/H4 Lite designed to minimise installation time and ensures fitting the product is as easy as possible. The 2-part push-fit connector makes wiring to the mains a less time-consuming process. The light can also be easily attached and replaced by anyone.

Advantages

- Push-fit terminal connector makes it quick & easy to wire to the mains.
- First-fix connector is easy enough for an apprentice to connect the product.
- First-fix connector makes it incredibly easy to replace the fittings.
- Allows installer to carry out insulation resistance testing.

Features

- Piano key connector for ease of installation
- First-fix compatible
- Retro-fit compatible
- Less risk of damaging fittings and ceiling during installation
- No tools required for installation (when already attached to product)
- Loop-in loop-out
- 16A rated



CSP (Collingwood Switchable Product)

One light, three colour temperatures

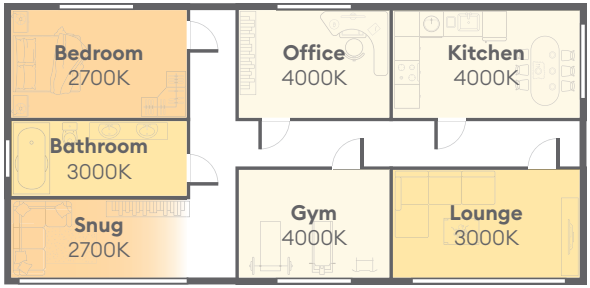
Always have the correct product on hand. Our range of colour switchable downlights allows you to stock 3 colour temperatures in 1 product (2700K, 3000K & 4000K).

Advantages

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

2700K | 3000K | 4000K

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



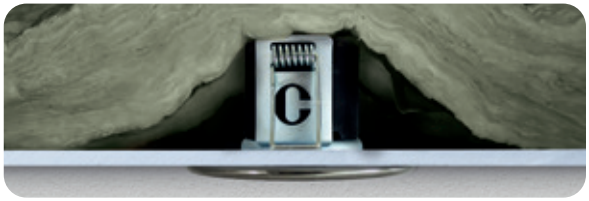
Insulation coverable

Install the product directly under insulation

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

Advantages

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



I-joist and metal web approved

Perfect for every installation

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

H2 Lite fixed

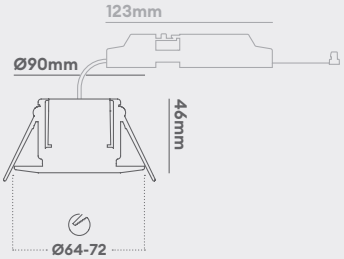
TRIAC Dimmable, fire-rated downlight with integrated bezel & Easy-fit connector

Patented Easy-fit connector for first & second fix

Shallow depth 46mm

Insulation coverable

Guarantee	7 years
Connector	Easy-fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (TRIAC mains dimmable)
Tiltable	No
CRI	80 Ra
Input	220-240V 50/60Hz
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	Ø 64-72mm
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



Best **Seller**

Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lx at 1m
DLT388BLK5530	Matt black	4.3W	3000K	55°	460	107	413
DLT388BLK5540	Matt black	4.3W	4000K	55°	490	114	440
DLT388BS5530	Brushed steel	4.3W	3000K	55°	460	107	413
DLT388BS5540	Brushed steel	4.3W	4000K	55°	490	114	440
DLT388MW5530	Matt white	4.3W	3000K	55°	460	107	413
DLT388MW5540	Matt white	4.3W	4000K	55°	490	114	440

H4 Lite adjustable

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

Best **Seller**

Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lx at 1m
DL490BLK5530	Matt black	4.3W	3000K	55°	460	107	413
DL490BLK5540	Matt black	4.3W	4000K	55°	490	114	440
DL490BS5530	Brushed steel	4.3W	3000K	55°	460	107	413
DL490BS5540	Brushed steel	4.3W	4000K	55°	490	114	440
DL490MW5530	Matt white	4.3W	3000K	55°	460	107	413
DL490MW5540	Matt white	4.3W	4000K	55°	490	114	440

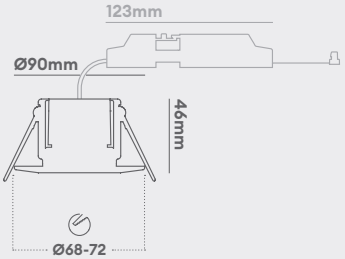
Residential downlights

Patented Easy-fit connector for first & second fix

Adjustable with a 20° tilt

Insulation coverable

Guarantee	7 years
Connector	Easy-fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (TRIAC mains dimmable)
Tiltable	20°
CRI	80 Ra
Input	220-240V 50/60Hz
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	Ø 68-72mm
Insulation coverable	Rolled and blown insulation
Ceiling joist approved	Solid timber, I-Joist and Metal Web



H2 Lite CSP fixed

Colour & Wattage Switchable using switches under bezel

Colour switchable between 2700K, 3000K and 4000K

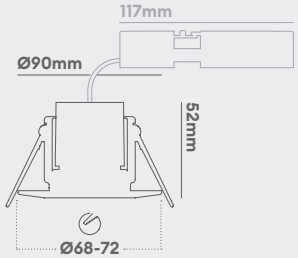
Wattage switchable between 4.2W & 6W

High efficacy of 124lm/W

All in 1
stock less & sell more

Twist & lock
interchangeable bezel
(switches on face)

Guarantee	4 years
Connector	2 part first fit connector
IP rating	IP65 (from below) IP20 (from above)
Bathroom zone	1
Dimmable	Yes (TRIAC mains dimmable)
Tiltable	No
CRI	80 Ra
Input	220-240V 50/60Hz
SELV	Yes
Building regulations	Part B, C, E, P & L
Cut-out size	Ø 68-72mm
Insulation coverable	Blown and rolled
Ceiling joist approved	Solid timber, I-Joist and Metal Web



Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lx at 1m
DLT551500A	Bezel sold separately See page 21	4.2W	2700K	55°	450	107	409
			3000K	55°	520	124	472
			4000K	55°	500	119	454
		6W	2700K	55°	625	104	567
			3000K	55°	720	120	654
			4000K	55°	700	117	636

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

LED Strip

LED Strip

Standard strip range

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

Choose from:

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

50m reel packaging

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

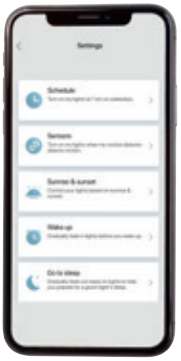
We offer the 50m reel packaging with the following LED strip:

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

smart lighting

Making the ordinary extraordinary

Control it from your phone and switch it on/off automatically with our smart sensor



LSP strip

High Lumen output

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

238 chips per metre

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

LSP

Standard

High efficacy

Up to 160 lumens per watt, LSP is our most efficient strip to date, and one of the best in the market. Fully compliant with the new BEIS legislation due to be introduced end of 2023.

160lm/W

Easy installation

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

5 year guarantee

You can have peace of mind once LSP is installed, it will last.

LED Strip

LSP

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

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

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

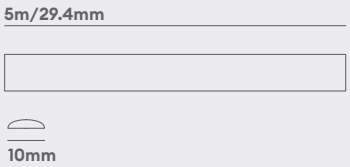
Dotless light in profile

Guarantee	5 year extended guarantee
IP rating	IP20
Wattage	14W/m
CSP Switchable	Fixed colour
Bespoke lengths	No
Self-adhesive backing	Yes
Dimmable option	Yes with suitable driver
LED liftime	54,000h L70
CRI	80 Ra
Input	24V DC
SDCM	4 SDCM

Product code	Reel length	Wattage	Colour	Beam	lm	lm/W	lx at 1m
LSP195027	5m reel	14W/m	2700K	120	1960	140	651
LSP205030	5m reel	14W/m	3000K	120	2000	143	664
LSP225040	5m reel	14W/m	4000K	120	2240	160	744

*Drivers sold seperately

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



LSV02

Constant voltage, self-adhesive, flexible IP20 strip

LED Strip

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

IP20 Ideal for living room and hallways with IP20 rating

BESPOKE Bespoke lengths available

Guarantee	3 year extended guarantee
IP rating	IP20
Wattage	4.8W/m
CSP Switchable	Fixed colour
Bespoke lengths	Yes
Self-adhesive backing	Yes
Dimmable option	Yes with suitable driver
LED liftime	30,000h L70
CRI	80 Ra
Input	24V DC
SDCM	5 SDCM

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

*Drivers sold seperately

Product code	Driver installation
PSMD3024	Mains dimmable up to 5mtrs
PS5024	On/off up to 10mtrs
PSMDIP10024	Dimmable with PDCINT1-10v up to 15mtrs

5m/100mm

8mm

LED Strip

LSV05

Constant voltage, self-adhesive, flexible IP20 strip

9.6W/m Ideal for atmospheric light with 9.6W/m

IP20 Ideal for living room and hallways with IP20 rating

BESPOKE Bespoke lengths available

Guarantee	3 year extended guarantee
IP rating	IP20
Wattage	9.6W/m
CSP Switchable	Fixed colour
Bespoke lengths	Yes
Self-adhesive backing	Yes
Dimmable option	Yes with suitable driver
LED liftime	30,000h L70
CRI	80 Ra
Input	24V DC
SDCM	5 SDCM

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

*Drivers sold seperately

Product code	Driver installation
PS5024	On/off up to 5mtrs
PSMDIP10024	Mains dimmable up to 10mtrs
PSIP25024	Dimmable with PDCINT1-10v up to 20mtrs

5m/50mm

8mm

LSV42

Constant voltage, self-adhesive, flexible IP44 strip

LED Strip

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

IP44 Ideal for kitchen and bathroom with IP44 rating

BESPOKE Bespoke lengths available

Guarantee	3 year extended guarantee
IP rating	IP44
Wattage	4.8W/m
CSP Switchable	Fixed colour
Bespoke lengths	Yes
Self-adhesive backing	Yes
Dimmable option	Yes with suitable driver
LED liftime	30,000h L70
CRI	80 Ra
Input	24V DC
SDCM	5 SDCM

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

*Drivers sold seperately

Product code	Driver installation
PSMD3024	Mains dimmable up to 5mtrs
PS5024	On/off up to 10mtrs
PSMDIP10024	Mains dimmable up to 20mtrs

5m/100mm

8mm

Connector & profile accessories

Easily install strip anywhere

Use our new LSK connectors for a fast, reliable and secure way to join LED strip without the need to solder. Combined with our profiles you have all you need for an easy and hassle free installation.

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

Type	Strip to strip	Strip to driver	Flex bend	L bend
8mm strip	LSK2208SS	LSK2208SD	LSK2208FB	LSK2208LB
10mm strip	LSK2210SS	LSK2210SD	LSK2210FB	LSK2210LB

Product Code	Type	Compatible with
LSK2208SS	Connector, IP20, 2 pin, 8mm, Strip to strip	8mm strip
LSK2208SD	Connector, IP20, 2 pin, 8mm, Strip to Driver	8mm strip
LSK2208FB	Connector, IP20, 2 pin, 8mm, Flex Bend	8mm strip
LSK2208LB	Connector, IP20, 2 pin, 8mm, L Bend	8mm strip
LSK2210SS	Connector, IP20, 2 pin, 10mm, Strip to strip	10mm strip
LSK2210SD	Connector, IP20, 2 pin, 10mm, Strip to Driver	10mm strip
LSK2210FB	Connector, IP20, 2 pin, 10mm, Flex Bend	10mm strip
LSK2210LB	Connector, IP20, 2 pin, 10mm, L Bend	10mm strip

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

Type	7mm	28mm
Recessed profile	RP7	RP28
Surface mount profile	SM7	SM28

Product Code	Type	Compatible with
RP7010	1m, 7mm deep recessed profile & diffuser	LSP & LSV strip
RP7020	2m, 7mm deep recessed profile & diffuser	LSP & LSV strip
RP28010	1m, 28mm deep recessed profile and diffuser	LSP & LSV strip
RP28020	2m, 28mm deep recessed profile and diffuser	LSP & LSV strip
SM7010	1m, 7mm slim surface-mount profile and diffuser	LSP & LSV strip
SM7020	2m, 7mm slim surface-mount profile and diffuser	LSP & LSV strip
SM28010	1m, 28mm deep surface-mount profile and diffuser	LSP & LSV strip
SM28020	2m, 28mm deep surface-mount profile and diffuser	LSP & LSV strip

Wall lights

WL012

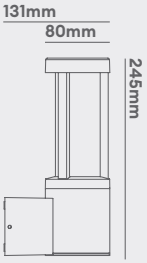
Diffused window design

11W 11W

Integral bracket for easy installation

IP54 IP54 ideal for framing doorways and entrances

Guarantee	5 year extended guarantee available
IP rating	IP54
Wattage	11.0W
CSP Switchable	Fixed colour
Dimmable	No
LED liftime	30,000h L70
CRI	80 Ra
Input	220-240V 50/60Hz
Electric class	1



Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lx at 1m
WL012X30	Black RAL9011	11.0W	3000K	338°	610	55	72
WL012G30	Grey RAL7022	11.0W	3000K	338°	610	55	72

WL013

Creates shadow effects

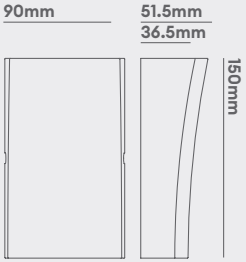
15W 15W

Integral bracket for easy installation

IP65 IP65 ideal for outdoor environments

Guarantee	5 year extended guarantee available
IP rating	IP65
Wattage	6.5W
CSP Switchable	Fixed colour
Dimmable	No
LED liftime	30,000h L70
CRI	80 Ra
Input	220-240V 50/60Hz
Electric class	1

Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lx at 1m
WL013X30	Black RAL9011	6.5W	3000K	107°/91°	390	60	99
WL013G30	Grey RAL7022	6.5W	3000K	107°/91°	390	60	99



WL014

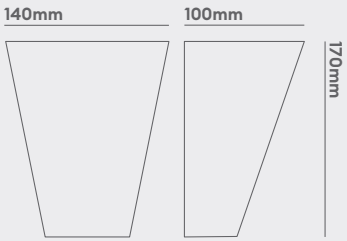
Decorative lit effect

11W 11W

Integral bracket for easy installation

IP54 IP54 ideal for framing doorways and entrances

Guarantee	5 year extended guarantee available
IP rating	IP54
Wattage	5.7W
CSP Switchable	Fixed colour
Dimmable	No
LED liftime	30,000h L70
CRI	80 Ra
Input	220-240V 50/60Hz
Electric class	1



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

WL015

Powerful illumination

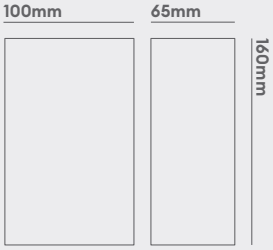
13W 13W

Integral bracket for easy installation

IP65 IP65 ideal for outdoor environments

Guarantee	5 year extended guarantee available
IP rating	IP65
Wattage	13.0W
CSP Switchable	Fixed colour
Dimmable	No
LED liftime	30,000h L70
CRI	80 Ra
Input	220-240V 50/60Hz
Electric class	1

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



WL060 | WL160

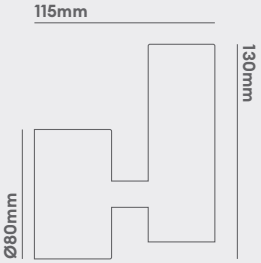
Halo and downward lit effect

2.6W — 2.6W

Coastal protected

IP65 — IP65 ideal for outdoor environments

Guarantee	7 year extended guarantee
IP rating	IP65
Wattage	2.6W
CSP Switchable	Fixed colour
Dimmable	No
LED liftime	70,000h L70
CRI	80 Ra
Input	220-240V 50/60Hz
Electric class	1



Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lx at 1m
WL060 27	Silver	2.6W	2700K	110°	56	22	25
WL060 WW	Silver	2.6W	3000K	110°	58	22	26
WL060 NW	Silver	2.6W	4000K	110°	82	32	46
WL160 27	Black	2.6W	2700K	110°	56	22	25
WL160 WW	Black	2.6W	3000K	110°	58	22	26
WL160 NW	Black	2.6W	4000K	110°	82	32	46

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

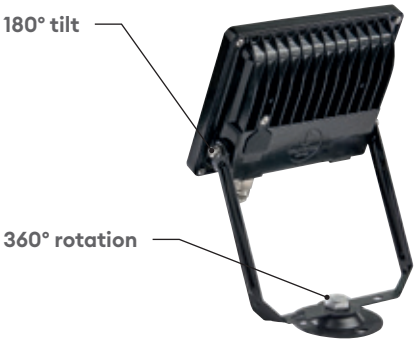
The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.

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

Coastal protection

Rust & salt mist protection

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

Advantages

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

FL01

10W colour switchable floodlight

High efficacy of up to 120lm/W

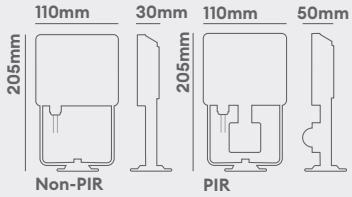
First fix bracket for quick & easy installation

Ideal for coastal areas

3 in 1
stock less & sell more

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

Guarantee	5 years for standard & 3 years for PIR
Wattage	10W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	25,000h L70
Connector	Flying lead
Ambient temperature	-40°C to 40°C
Electric class	I



Product code	Type	Wattage	Colour	Beam	lm	lm/W	lx at 1m
FL01BPCS	PIR sensor	10W	3000K	120°	1100	110	419
			4000K	120°	1150	115	502
			6500K	120°	1300	130	461
FL01BXCS	Standard	10W	3000K	120°	1100	110	419
			4000K	120°	1150	115	502
			6500K	120°	1300	130	461

FL02

20W colour switchable floodlight

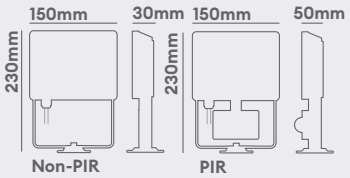
3 in 1
stock less & sell more

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

Product code	Type	Wattage	Colour	Beam	lm	lm/W	lx at 1m
FL02BPCS	PIR sensor	20W	3000K	120°	2200	110	832
			4000K	120°	2400	120	1040
			6500K	120°	2400	120	999
FL02BXCS	Standard	20W	3000K	120°	2200	110	832
			4000K	120°	2400	120	1040
			6500K	120°	2400	120	999

- **High efficacy of up to 125lm/W**
- **First fix bracket for quick & easy installation**
- **Ideal for coastal areas**

Guarantee	5 years for standard & 3 years for PIR
Wattage	20W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	25,000h L70
Connector	Flying lead
Ambient temperature	-40°C to 40°C
Electric class	I



FL03

30W colour switchable floodlight

High efficacy of up to 117lm/W

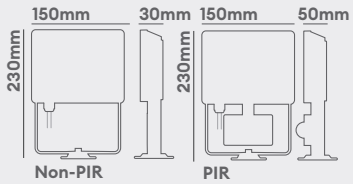
First fix bracket for quick & easy installation

Ideal for coastal areas

3 in 1
stock less & sell more

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

Guarantee	5 years for standard & 3 years for PIR
Wattage	30W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	25,000h L70
Connector	Flying lead
Ambient temperature	-40°C to 40°C
Electric class	I



Product code	Type	Wattage	Colour	Beam	lm	lm/W	lx at 1m
FL03BPCS	PIR sensor	30W	3000K	120°	3000	100	1242
			4000K	120°	3300	110	1448
			6500K	120°	3900	130	1407
FL03BXCS	Standard	30W	3000K	120°	3000	100	1242
			4000K	120°	3300	110	1448
			6500K	120°	3900	130	1407

FL05

50W colour switchable floodlight

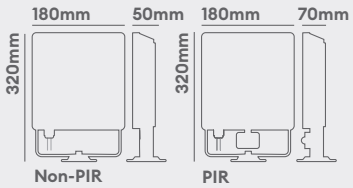
3 in 1
stock less & sell more

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

Product code	Type	Wattage	Colour	Beam	lm	lm/W	lx at 1m
FL05BPCS	PIR sensor	50W	3000K	120°	5000	100	2230
			4000K	120°	5600	112	2449
			6500K	120°	5100	102	2230
FL05BXCS	Standard	50W	3000K	120°	5000	100	2230
			4000K	120°	5600	112	2449
			6500K	120°	5100	102	2230

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

Guarantee	5 years for standard & 3 years for PIR
Wattage	50W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	25,000h L70
Connector	Flying lead
Ambient temperature	-40°C to 40°C
Electric class	I



FL10

100W colour switchable floodlight

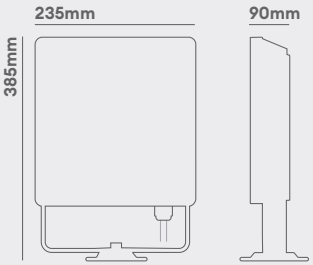
- **High efficacy of up to 118lm/W**
- **First fix bracket for quick & easy installation**
- **Ideal for coastal areas**

Guarantee	5 years
Wattage	100W
IP rating	IP65
IK rating	IK07
Tiltable	180°
Rotatable	360°
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Connector	Flying lead
Ambient temperature	-40°C to 40°C
Electric class	I

3 in 1
stock less & sell more

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

Product code	Type	Wattage	Colour	Beam	lm	lm/W	lx at 1m
FL10BXCS	Standard	100W	3000K	120°	10250	103	4275
			4000K	120°	11810	118	4926
			6500K	120°	10970	110	4575



Panels

Solis Pro CSP 600x600

Highly Efficient 160 Llm/W IP44 Collingwood Switchable Product

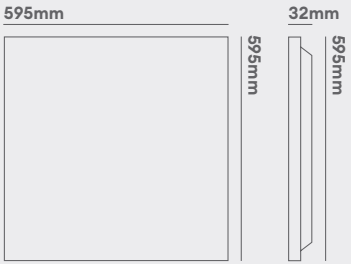
UGR 19 Low UGR with UGR19 available

W Wattage switchable between 22W, 24W, 26W & 28W

160lm/W Energy rating B up to 160 Llm/W

2 year on site guarantee

Guarantee	5 years (product), 3 years (emerg battery)
Wattage	22W - 24W - 26W - 28W or 28W
IP rating	IP44
Dimmable	Yes (DALI 2, 0-10V, PUSH-DIM)
UGR	<19
TP rating	TP(a)
Input	220-240V 50/60Hz
Emergency version available	Yes, using converter. See accessories section. page 56
Connector	Integrated terminals, loop-in/ loop-out
Building regulations	Part P & L
Electric class	2



Product code	W	UGR	Driver required	Dimming	Colour	Beam	lm	lm/W
SOLP66N4K	22W 24W 26W 28W	<19	Driver included with lumen output switch	Non-Dimmable	4000K	90°	3520 3840 4160 4480	160
SOLP66X4K	28W	<19	Driver excluded use PS6501100MA	Dimmable	4000K	90°	4480	160

Solis 600x600

4000K + 5000K Panel Range

2 year on site guarantee

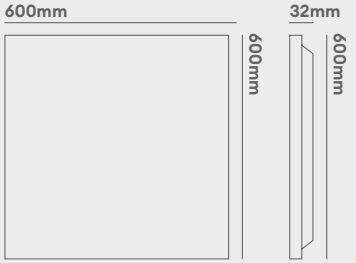
Product code	W	UGR	Driver required	Dimming	Colour	Beam	lm	lm/W
P2A16S30WA	30W	UGR16 TP(a)	Driver included	On-Off	4000K	90°	3450	115
P2A16X30WA	30W	UGR16 TP(a)	PS6501100MA	DALI2/ 0-10V/Push-Dim	4000K	90°	3450	115
P2A19S40WA	40W	UGR19 TP(a)	EUP30T-1HMC-0	TRIAC Mains Dim	4000K	90°	4600	115
P2A19X40WA	40W	UGR19 TP(a)	Driver excluded Use PS6501100MA	Dimmable	4000K	90°	4600	115
P2A22S30WA	30W	UGR22 TP(b)	Driver included	DALI2/ 0-10V/Push-Dim	4000K	110°	3450	115
P2A22S40WA	40W	UGR22 TP(b)	Driver included	On-Off	4000K	110°	4600	115
P5A19S30WA	30W	UGR19 TP(a)	Driver included	On-Off	5000K	90°	3450	115
P5A19X30WA	30W	UGR19 TP(a)	Driver excluded Use PS6501100MA	Dimmable	5000K	90°	3450	115

UGR 16 **Low UGR with UGR16 available**

DIM **DALI-2, Push-Dim, & 0-10V options are available when using the plug-in PS6501100MA driver**

EM **Emergency option is available with LEDEP10**

Guarantee	5 years (product), 3 years (emg battery)
Wattage	30W
IP rating	IP40
Dimmable	Yes (DALI 2, 0-10V, PUSH-DIM)
UGR	<16 <19 <22
TP rating	TP(a) or TP(b)
Input	220-240V 50/60Hz
Emergency version available	Yes, using converter. See accessories section. page 56
Connector	2 part first fit connector
Building regulations	Part P & L
Electric class	2



Solis 1200x300

1200 x 300 LED panel

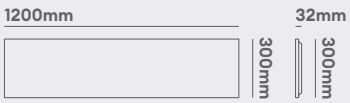
Low UGR with UGR16 available

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

Emergency option is available with LEDEP10

2 year on site guarantee

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) or TP(b)
Input	220-240V 50/60Hz
Emergency version available	Yes, using converter. See accessories section. page 56
Connector	2 part first fit connector
Building regulations	Part P & L
Electric class	2



Product code	W	UGR	Driver required	Dimming	Colour	Beam	lm	lm/W
P2B16S30WA	30W	UGR16	Driver included	Non dimmable	4000K	90°	3450	115
P2B16X30WA	30W	UGR16	Driver excluded use PS6501100MA	DALI2/ 0-10V/ Push-Dim	4000K	90°	3450	115
P2B16X30WA	30W	UGR16	Driver excluded use EUP30T-1HMC-0	TRIAC Mains Dim	4000K	90°	3450	115

Solis 1200x600

1200 x 600 LED panel

2 year on site guarantee

Product code	W	UGR	Driver required	Dimming	Colour	Beam	lm	lm/W
P2C19S60WA	60W	UGR19 TP(a)	Driver included	Non dimmable	4000K	90°	6600	110
P2C19X60WA	60W	UGR19 TP(a)	TR28000677	DALI2/ Push-Dim	4000K	90°	6600	110
P2C22S60WA	60W	UGR22 TP(b)	Driver included	Non dimmable	4000K	110°	6900	115

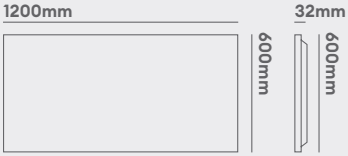
Panels

Low UGR with UGR19 available

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

Emergency option is available with LEDEP10

Guarantee	5 years (product), 3 years (emg battery)
Wattage	60W
IP rating	IP40
Dimmable	Yes (DALI 2, 0-10V, PUSH-DIM)
UGR	<19 <22
TP rating	TP(a) or TP(b)
Input	220-240V 50/60Hz
Emergency version available	Yes, using converter. See accessories section. page 56
Connector	2 part first fit connector
Building regulations	Part P & L
Electric class	2



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 frame screws easily into the ceiling and the panel, driver and emergency pack will slide into the frame, with the remaining side screwed on to finalise the installation. The suspension kit allows the panel to be suspended from a ceiling, which is ideal for situations where recessed mounting is not possible. Installation is quick and easy – simply screw one end to the ceiling while the other side loops through the brackets supplied. The emergency pack turns your panel into an emergency version.

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

Type	Use with 600 x 600mm panels	Use with 1200 x 300mm panels	Use with 1200 x 600mm panels
Surface mount kit	P2SMA	P2SMB	P2SMC
Suspension mount kit	P1SK	P1SK	P1SKC
Emergency pack	LEDEP09DA LEDEP10	LEDEP09DA LEDEP10	LEDEP09DA LEDEP10

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
P1SKA	Suspension mount kit for suspending panels from solid surfaces	Solis 600x600 & Solis 1200x300
P1SKCA	Suspension mount kit for suspending panels from solid surfaces	Solis 1200x600
LEDEP09DA	Emergency pack for converting panel into DALI emergency self-test option	Solis 600x600, Solis 1200x300 & Solis 1200x600
LEDEP10	Emergency pack for converting panel into emergency manual / self-test option	Solis 600x600, Solis 1200x300 & Solis 1200x600

Commercial downlights

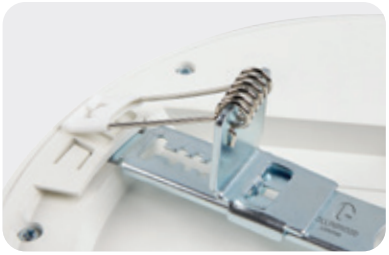
Adjustable cut-out size (CDL02 only)

Retro-fit downlights

Offers multiple cut outs from 120mm to 200mm, making it a truly versatile product.

Advantages

- Easily retro-fit into a multitude of ceiling cut-outs.
- Choose the ideal cut-out size for your installation.



Converter plate (Thea only)

Retro-fit downlights

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

Advantages

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

Product Code	Compatible with
DL801MW	Thea 24W & Thea 32W

6 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

Wattage switchable: one light, two wattage outputs

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

Advantages

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

Lower output

Higher output

Thea 12W

Colour switchable, TRIAC mains dimmable, plug & play commercial downlight

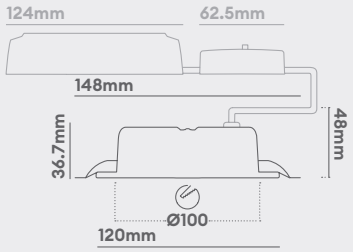
CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation with plug & play connectors

Emergency option available with LEDEP10

3 in 1
stock less & sell more

Guarantee	5 years
Wattage	12W
IP rating	IP54
Dimmable	Yes (DALI, 1-10V, TRIAC mains dimmable)
CRI	80 Ra
Input	220-240V 50/60Hz
Emergency version available	Yes
Install connector type	Screw terminals
Cut-out size	100mm
Electric class	2



Product code	Finish	Dimmable	Wattage	Colour	Beam	lm	lm/W	lx at 1m
CDL0112D	Matt white	DALI	12W	3000K	100°	1200	100	514
				4000K	100°	1300	108	557
				6500K	100°	1300	108	557
CDL0112M	Matt white	Mains	12W	3000K	100°	1200	100	514
				4000K	100°	1300	108	557
				6500K	100°	1300	108	557
CDL0112V	Matt white	1-10V	12W	3000K	100°	1200	100	514
				4000K	100°	1300	108	557
				6500K	100°	1300	108	557

Thea 16W

Colour switchable, TRIAC mains dimmable, plug & play commercial downlight

3 in 1
stock less & sell more

Product code	Finish	Dimmable	Wattage	Colour	Beam	lm	lm/W	lx at 1m
CDL0116D	Matt white	DALI	16W	3000K	100°	1600	100	659
				4000K	100°	1700	106	700
				6500K	100°	1700	106	700
CDL0116M	Matt white	Mains	16W	3000K	100°	1600	100	659
				4000K	100°	1700	106	700
				6500K	100°	1700	106	700
CDL0116V	Matt white	1-10V	16W	3000K	100°	1600	100	659
				4000K	100°	1700	106	700
				6500K	100°	1700	106	700

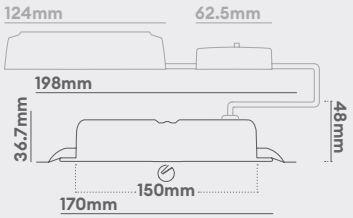
Commercial downlights

CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation with plug & play connectors

Emergency option available with LEDEP10

Guarantee	5 years
Wattage	16W
IP rating	IP54
Dimmable	Yes (DALI, 1-10V, TRIAC mains dimmable)
CRI	80 Ra
Input	220-240V 50/60Hz
Emergency version available	Yes
Install connector type	Screw terminals
Cut-out size	150mm
Electric class	2



Thea 24W

Colour switchable, TRIAC mains dimmable, plug & play commercial downlight

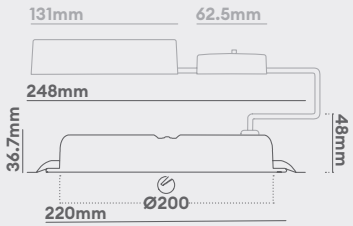
CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation with plug & play connectors

Emergency option available with LEDEP10

3 in 1
stock less & sell more

Guarantee	5 years
Wattage	24W
IP rating	IP54
Dimmable	Yes (DALI, 1-10V, TRIAC mains dimmable)
CRI	80 Ra
Input	220-240V 50/60Hz
Emergency version available	Yes
Install connector type	Screw terminals
Cut-out size	200mm
Electric class	2



Product code	Finish	Dimmable	Wattage	Colour	Beam	lm	lm/W	lx at 1m
CDL0124D	Matt white	DALI	24W	3000K	100°	2600	108	1048
				4000K	100°	2800	117	1129
				6500K	100°	2800	117	1129
CDL0124M	Matt white	Mains	24W	3000K	100°	2600	108	1048
				4000K	100°	2800	117	1129
				6500K	100°	2800	117	1129
CDL0124V	Matt white	1-10V	24W	3000K	100°	2600	108	1048
				4000K	100°	2800	117	1129
				6500K	100°	2800	117	1129

Thea 32W

Colour switchable, TRIAC mains dimmable, plug & play commercial downlight

3 in 1
stock less & sell more

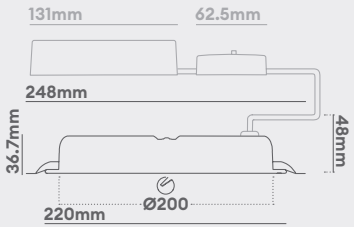
Product code	Finish	Dimmable	Wattage	Colour	Beam	lm	lm/W	lx at 1m
CDL0132D	Matt white	DALI	32W	3000K	100°	3400	106	1377
				4000K	100°	3500	109	1417
				6500K	100°	3500	109	1417
CDL0132M	Matt white	Mains	32W	3000K	100°	3400	106	1377
				4000K	100°	3500	109	1417
				6500K	100°	3500	109	1417
CDL0132V	Matt white	1-10V	32W	3000K	100°	3400	106	1377
				4000K	100°	3500	109	1417
				6500K	100°	3500	109	1417

CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation with plug & play connectors

Emergency option available with LEDEP10

Guarantee	5 years
Wattage	32W
IP rating	IP54
Dimmable	Yes (DALI, 1-10V, TRIAC mains dimmable)
CRI	80 Ra
Input	220-240V 50/60Hz
Emergency version available	Yes
Install connector type	Screw terminals
Cut-out size	200mm
Electric class	2



CDL 12-18W

Colour and wattage switchable commercial downlight

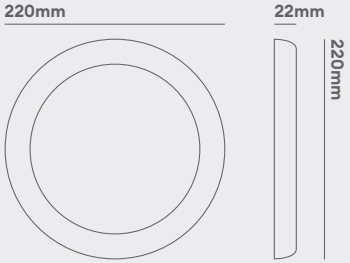
Colour switchable between 3000k, 4000K & 6500K

Wattage switchable between 12W & 18W

High efficacy of up to 120lm/W

6 in 1
stock less & sell more

Guarantee	3 years
Wattage	12W / 18W
IP rating	IP44
Dimmable	No
CRI	80 Ra
Input	220-240V 50/60Hz
Emergency version available	No
Install connector type	Flying lead
Cut-out size	120-200mm
Electric class	2



Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lx at 1m
CDL0218S	Matt white	12W	3000K	110°	1250	104	420
			4000K	110°	1450	120	488
			6000K	110°	1400	116	471
		18W	3000K	110°	1650	92	555
			4000K	110°	2000	111	672
			6000K	110°	1800	100	605

Bulkheads

Perimeter lighting & Halo light

Energy savings

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

Advantages

- Save energy
- Save money

Motion detection (Halo)

Turns light on with movement.

Daylight switching

Holds light off during daylight hours.

Warmer light

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

Advantages

- Set to 3000K as standard (CCT switchable)
- Low blue light content
- Reduced upward sky glow

Complete exterior solution

Our range of anthracite grey building exterior lights designed to work perfectly together.

Arc
Perimeter light

H2 Pro Extreme
Soffit light

Halo
Entrance light

Bulkheads

CCT switchable: one light, three CCT temperatures

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

Advantages

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

3000K

4000K

6500K

Lumen switchable: one light, two lumen outputs

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

Advantages

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

Lower output

Higher output

Quick & easy installation

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

Advantages

- Quick and easy to wire up.

The WL94 and WL95 come with push-fit terminals.

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

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

Advantages

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

Simply push the quick release button to detach the bracket.

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

Halo Wall Light 12W

12W Wall Light CCT Switchable

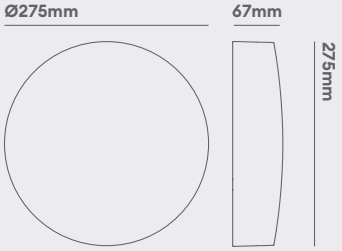
360° 360-degree lit effect

IK10 IK10 perfect for external use

CCT switchable between 3000K, 4000K & 5700K

2 year on site guarantee

Guarantee	5 years
Wattage	12W
IP rating	IP65
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Emergency version available	Yes
Sensor available	Microwave
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +45°C
Electric class	2



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

Arc 10W & 17W

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

2 year on site guarantee

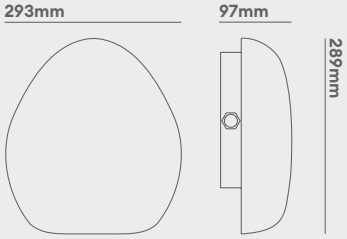
Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
ARA1N	Anthracite grey RAL7016	Standard	10W	3000K	98*114°	1550	155	-
				4000K	98*114°	1650	165	-
				5000K	98*114°	1600	160	-
ARA1NE	Anthracite grey RAL7016	Emergency	10W	3000K	98*114°	1550	155	300
				4000K	98*114°	1650	165	300
				5000K	98*114°	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

CCT switchable between 3000K, 4000K & 5000K

Market leading up to 165lm/W efficacy

Integral photocell as standard

Guarantee	5 years
Wattage	10W or 17W
IP rating	IP66
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	54,000h L70
Emergency version available	Yes
Sensor available	PC Dusk to Dawn
Install connector type	Push-fit terminal, loop-in/loop-out
Ambient temperature	-30°C to +50°C
Electric class	1



WL94 10W

IP44 LED slim decorative Bulkhead

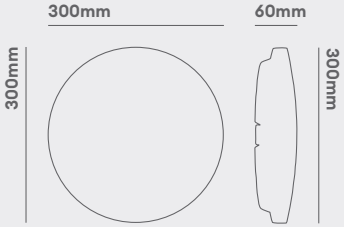
CCT switchable between 3000K, 4000K & 6500K

Quick and easy installation bracket

Emergency option available

3 in 1
stock less & sell more

Guarantee	3 years
Wattage	10W
IP rating	IP44
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	35,000h L70
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20° to 40°C
Electric class	2



Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	lx at 1m
WL9410CCS	White	Emergency Microwave sensor	10W	3000K	120°	1000	100	288
				4000K	120°	1100	110	317
				6500K	120°	1100	110	317
WL9410ECS	White	Emergency	10W	3000K	120°	1000	100	288
				4000K	120°	1100	110	317
				6500K	120°	1100	110	317
WL9410MCS	White	Microwave sensor	10W	3000K	120°	1000	100	288
				4000K	120°	1100	110	317
				6500K	120°	1100	110	317
WL9410SCS	White	Standard	10W	3000K	120°	1000	100	288
				4000K	120°	1100	110	317
				6500K	120°	1100	110	317

WL94 18W

IP44 LED slim decorative Bulkhead

3 in 1
stock less & sell more

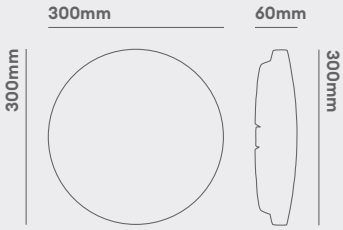
Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	lx at 1m
WL9418CCS	White	Emergency Microwave sensor	18W	3000K	120°	1800	100	518
				4000K	120°	2000	111	576
				6500K	120°	2000	111	576
WL9418ECS	White	Emergency	18W	3000K	120°	1800	100	518
				4000K	120°	2000	111	576
				6500K	120°	2000	111	576
WL9418MCS	White	Microwave sensor	18W	3000K	120°	1800	100	518
				4000K	120°	2000	111	576
				6500K	120°	2000	111	576
WL9418SCS	White	Standard	18W	3000K	120°	1800	100	518
				4000K	120°	2000	111	576
				6500K	120°	2000	111	576

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 50/60Hz
LED lifetime	35,000h L70
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20° to 40°C
Electric class	2



WL95 10W & 15W

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

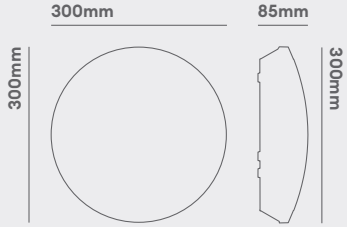
CCT switchable between 3000K, 4000K & 6500K

Wattage switchable between 10W & 15W

Emergency option available

wattage & colour switchable

Guarantee	3 years
Wattage	10W - 15W
IP rating	IP65
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	35,000h L70
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20° to 40°C
Electric class	2



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

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

WL95 10W & 15W

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

wattage & colour switchable

CCT switchable between 3000K, 4000K & 6500K

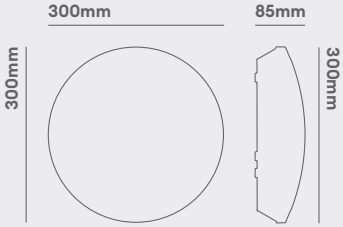
Wattage switchable between 10W & 15W

Emergency option available

Guarantee	3 years
Wattage	10W - 15W
IP rating	IP65
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	35,000h L70
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20° to 40°C
Electric class	2

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

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



WL95 18W & 27W

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

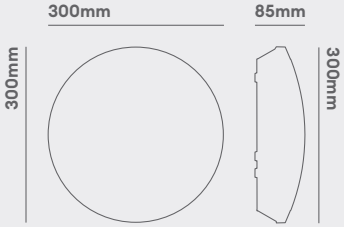
CCT switchable between 3000K, 4000K & 6500K

Wattage switchable between 18W & 27W

Emergency option available

wattage & colour switchable

Guarantee	3 years
Wattage	18W - 27W
IP rating	IP65
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	35,000h L70
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20° to 40°C
Electric class	2



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

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

WL95 18W & 27W

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

wattage & colour switchable

CCT switchable between 3000K, 4000K & 6500K

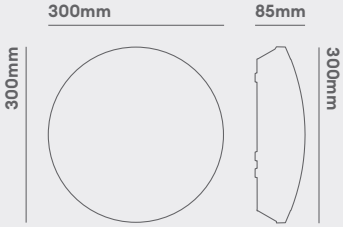
Wattage switchable between 18W & 27W

Emergency option available

Guarantee	3 years
Wattage	18W - 27W
IP rating	IP65
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	35,000h L70
Emergency version available	Yes
Sensor available	Microwave (Step-Dim)
Install connector type	4 ways, push-fit
Ambient temperature	-20° to 40°C
Electric class	2

Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
WL9527ECSB	Black	Emergency	18W	3000K	115°	2100	116	120
				4000K	115°	2150	119	120
				6500K	115°	2150	119	120
			27W	3000K	115°	3100	114	120
				4000K	115°	3200	118	120
				6500K	115°	3200	118	120
WL9527SCSB	White	Standard	18W	3000K	115°	2100	116	-
				4000K	115°	2150	119	-
				6500K	115°	2150	119	-
			27W	3000K	115°	3100	114	-
				4000K	115°	3200	118	-
				6500K	115°	3200	118	-

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



Fascias

Make your bulkhead perfect for your installation

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

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

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

Product Code	Type	Compatible with
WL95BEW	White eyelid fascia	WL95 white
WL95BE	Black eyelid fascia	WL95 black
WL95BG	Black grille fascia	WL95 black
WLHA1NE	Anthracite grey eyelid fascia	Halo

Battens

High efficacy & savings

Quick payback

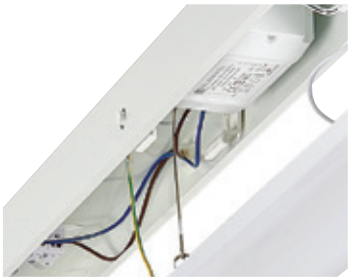
Provide slightly more light, whilst using much less power, resulting in excellent cost savings and quick payback

Energy rate £/kWh: £0.37	Typical T8 fluorescent lamp	Collingwood fitting
Average lamp life	12,000 hours	50,000 hours
Quality of fittings	100	100
Watts per fitting	72W (2 x 36W)	40W
Energy £/Year	**£23,273**	**£12,929**

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.



smart wireless

When you see this logo, we can offer a wireless control of the luminaire. Many features are available and our system is simple to install, easy to operate and will lower the energy consumption of your lighting to reduce electricity bills.

Please contact us for more information.

Emergency bolt-on

The bolt-on converts your batten to an emergency option.

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.

PIR bolt-on sensor

The sensor detects movement and allows the user to set up 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

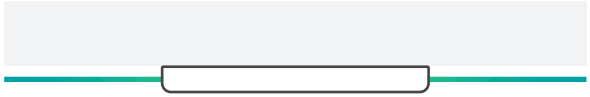
Save energy and money.

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

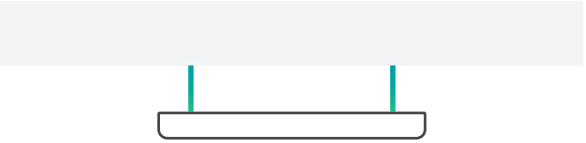


BESA mounting options

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



Product code: **BTSK1**

Borealis 4ft Single

4ft Single, LED Batten

High efficacy of 130lm/W

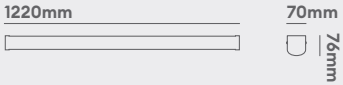
Suspended gear tray for easy installation

Emergency option available

2 year on site guarantee

Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	20W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI 2, 0-10V)
Input	220-240V 50/60Hz
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

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



Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
BT4SD40	DALI-2 dimmable	20W	4000K	120°	2600	130	-
BT4SD40EM	Emergency DALI-2 dimmable	20W	4000K	120°	2600	130	250
BT4SS40	Standard	20W	4000K	120°	2600	130	-
BT4SS40EM	Emergency	20W	4000K	120°	2600	130	250
BT4SV40	1-10V dimmable	20W	4000K	120°	2600	130	-

Borealis 4ft Twin

4ft Twin, LED Batten

2 year on site guarantee

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

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
BT4TD40	DALI-2 dimmable	40W	4000K	120°	5200	130	-
BT4TD40EM	Emergency DALI-2 dimmable	40W	4000K	120°	5200	130	250
BT4TS40	Standard	40W	4000K	120°	5200	130	-
BT4TS40EM	Emergency	40W	4000K	120°	5200	130	250
BT4TV40	1-10V dimmable	40W	4000K	120°	5200	130	-

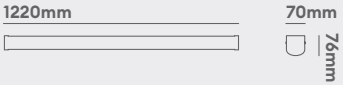
Battens

130lm/W **High efficacy of 130lm/W**

Suspended gear tray for easy installation

EM **Emergency option available**

Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	40W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI 2, 0-10V)
Input	220-240V 50/60Hz
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1



Borealis 5ft Single

5ft Single, LED Batten

High efficacy of 130lm/W

Suspended gear tray for easy installation

Emergency option available

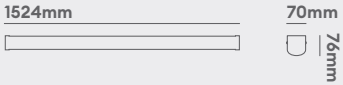
Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	32W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI 2, 0-10V)
Input	220-240V 50/60Hz
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

2 year on site guarantee

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

smart
Wireless available on request

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
BT5SD40	DALI-2 dimmable	32W	4000K	120°	4160	130	-
BT5SD40EM	Emergency DALI-2 dimmable	32W	4000K	120°	4160	130	250
BT5SS40	Standard	32W	4000K	120°	4160	130	-
BT5SS40EM	Emergency	32W	4000K	120°	4160	130	250
BT5SV40	1-10V dimmable	32W	4000K	120°	4160	130	-



Borealis 5ft Twin

5ft Twin, LED Batten

2 year on site guarantee

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

smart
Wireless available on request

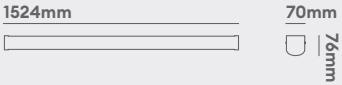
Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
BT5TD40	DALI-2 dimmable	54W	4000K	120°	7020	130	-
BT5TD40EM	Emergency DALI-2 dimmable	54W	4000K	120°	7020	130	250
BT5TS40	Standard	54W	4000K	120°	7020	130	-
BT5TS40EM	Emergency	54W	4000K	120°	7020	130	250
BT5TV40	1-10V dimmable	54W	4000K	120°	7020	130	-

130lm/W **High efficacy of 130lm/W**

Suspended gear tray for easy installation

EM **Emergency option available**

Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	54W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI 2, 0-10V)
Input	220-240V 50/60Hz
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1



Borealis 6ft Single

6ft Single, LED Batten

High efficacy of 124lm/W

Suspended gear tray for easy installation

Emergency option available

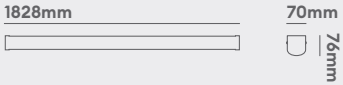
2 year on site guarantee

Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	42W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI 2, 0-10V)
Input	220-240V 50/60Hz
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

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

smart
Wireless available on request

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
BT6SD40	DALI-2 dimmable	42W	4000K	120°	5200	124	-
BT6SD40EM	Emergency DALI-2 dimmable	42W	4000K	120°	5200	124	250
BT6SS40	Standard	42W	4000K	120°	5200	124	-
BT6SS40EM	Emergency	42W	4000K	120°	5200	124	250
BT6SV40	1-10V dimmable	42W	4000K	120°	5200	124	-



Borealis 6ft Twin

6ft Twin, LED Batten

2 year on site guarantee

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

smart
Wireless available on request

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
BT6TD40	DALI-2 dimmable	70W	4000K	120°	8680	124	-
BT6TD40EM	Emergency DALI-2 dimmable	70W	4000K	120°	8680	124	250
BT6TS40	Standard	70W	4000K	120°	8680	124	-
BT6TS40EM	Emergency	70W	4000K	120°	8680	124	250
BT6TV40	1-10V dimmable	70W	4000K	120°	8680	124	-

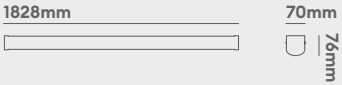
Battens

124lm/W **High efficacy of 124lm/W**

Suspended gear tray for easy installation

EM **Emergency option available**

Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	70W
IP rating	IP20
IK rating	IK06
Dimmable	Yes (DALI 2, 0-10V)
Input	220-240V 50/60Hz
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

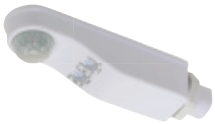


Borealis batten accessories

Make your batten perfect for your installation

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

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

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

Product Code	Type	Compatible with
SSENBPSTWH	Bolt on PIR motion sensor	Borealis - 4ft single / twin, 5ft single / twin & 6ft single / twin
PIRBOLTDIM	Bolt on PIR dimming sensor (requires 0-10V driver)	Borealis - 4ft single / twin, 5ft single / twin & 6ft single / twin
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	Borealis - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTMCOR	Manual test corrridor emergency bolt-on	Borealis - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTMOPEN	Manual test open area lens emergency bolt-on	Borealis - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTSCOR	Self-test corrridor emergency bolt-on	Borealis - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTSOPEN	Self-test open area lens emergency bolt-on	Borealis - 4ft single / twin, 5ft single / twin & 6ft single / twin

Emergency lighting

Emergency options

Quick overview

Use the table below for a quick reference.

Product	Self test	Manual test	Lithium battery
Emergency blade	●	●	●
Emergency box	●	●	●
Emergency bulkhead	●	●	●
Emergency route	●	●	●
Emergency twin spot	●		●
Salvus Max		●	●
Salvus surface		●	●

Long-life LiFeP04 lithium battery

Greener & longer lasting

LiFeP04 are at the forefront of battery technology, with a smaller footprint than other battery types.

There is a long-life span, and can last up to ten times longer than traditional battery types. The battery recharge rate is quicker than traditional types too. The efficiency of these batteries extends into performance; charge and discharge, which can reach over 90%, which means very little energy is wasted.

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.

Maintained vs Non-maintained

Maintained

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

Non-maintained

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

Salvus Emergency Exit Blade

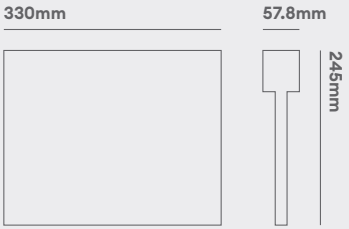
50lm, emergency exit blade, 30m viewing distance

LiFeP04 battery available

Self-test or Manual test available

Auxiliary floor illumination helping 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 50/60Hz
Battery	LiFePO4
Install connector type	Push-fit connector
Construction material	Lens PC housing PC
Electric class	2
Mounting options	Ceiling, wall & suspended
Legends	See page 105



Product code	Testing	Battery	Wattage	Colour	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

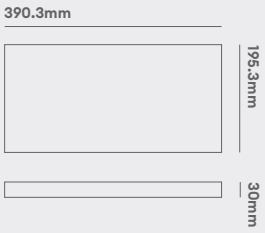
Product code	Testing	Battery	Wattage	Colour	lm
EMBX35M	Manual-test	NiCd	3.5W	6500K	47
EMBX35S	Self-test	LiFePO4	3.5W	6500K	47

LiFeP04 battery available

Self-test or Manual test available

Auxiliary floor illumination helping 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 50/60Hz
Battery	NiCd
Install connector type	Push-fit connector
Construction material	Lens PC housing PC
Electric class	2
Mounting options	Wall
Legends	See page 105



Salvus Emergency Bulkhead

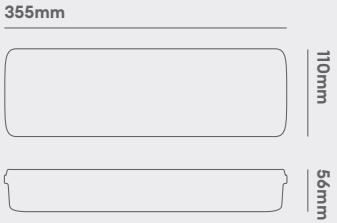
145lm, emergency bulkhead, 18m viewing distance

LiFeP04 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 50/60Hz
Battery	LiFePO4
Install connector type	Loop in / Loop out
Construction material	Lens PC housing ABS
Electric class	2
Mounting options	Ceiling, wall, suspended, BESA & conduit M20
Legends	Included



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

Salvus Max

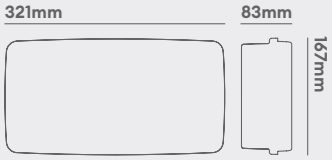
High Output Non-Maintained Emergency Bulkhead Manual

wattage switchable

Emergency lighting

- **High efficacy of 170lm/W**
- **Wattage Switchable between 5.7W & 8.8W**
- **IP66 suitable for warehouse all applications**

Guarantee	4 years on electronics, 2 years on battery
Wattage	5.7-8.8W
Maintained / Non-maintained	Non-Maintained
Viewing distance	N/A
IP rating	IP66
Input	220-240V 50/60Hz
Battery	LiFePO4 6.4V 6.6Ah
Install connector type	Terminals 0.75-4.0mm²
Construction material	PC
Electric class	2



Product code	Finish	Testing	Beam	Em lm
EMBMAX	White	Manual Test	135°	1000-1500lm

Salvus Route

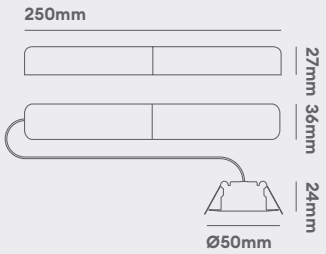
High Performance Emergency Spot

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 50/60Hz
Battery	LiFePO4 3.2V 1500mAh
Install connector type	Integrated terminals, loop-in/ loop-out
Construction material	Polycarbonate
Electric class	2
Cut-out	Ø43 - 44mm



Open and corridor area lenses
Included

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

Salvus Surface

High Performance Emergency Spot

Open and corridor area lenses
Included

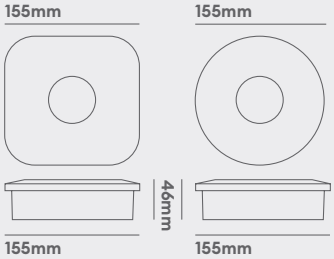
Product code	Finish	Testing	Beam	Em lm
EMSBRDEM	Black	Manual Test	165° / 160°x50°	280lm Open 230lm Corridor
EMSBSQEM	Black	Manual Test	165° / 160°x50°	280lm Open 230lm Corridor
EMSWRDEM	White	Manual Test	165° / 160°x50°	280lm Open 230lm Corridor
EMSWSQEM	White	Manual Test	165° / 160°x50°	280lm Open 230lm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

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	IP20
Input	220-240V 50/60Hz
Battery	LiFePO4 3.2V 1500mAh
Install connector type	Integrated terminals, loop-in/ loop-out
Construction material	Polycarbonate
Electric class	2



Salvus Emergency Twin Spot

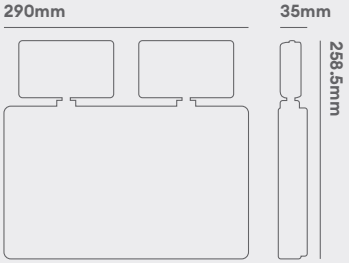
400lm, self test emergency twin spot

LiFeP04 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 50/60Hz
Battery	LiFePO4
Install connector type	Push-fit connector
Construction material	Lens PC housing PC
Electric class	2
Mounting options	Wall



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

Salvus emergency accessories

Make your emergency lighting perfect for your install

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

Use the tables below to choose the perfect accessory

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

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

High bays

Springbok Lite

Economical high bay for fast return on investment

Energy savings

Payback as quick as 2 months

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

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

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

Refractor accessories

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

HBL1REFR
For 80W product

HBL2REFR
For 100W product

HBL3REFR
For 200W product

Microwave sensors

For up to an additional 82% energy savings

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

Motion sensor

Only turn your light on when movement is detected.

Daylight switching

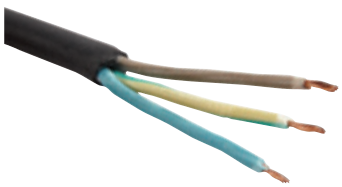
Only turn your light **on** when there is not enough natural light.

Quick & easy installation

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

Quick & easy installation

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



IP65 & IK08

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

IP65 IK08

Warranty

Long warranty for piece of mind.

4 year guarantee

2 year on-site warranty

Area Bay

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

Best practice for energy & cost savings

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

1 Quality optics

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

Efficient lighting design

2 Motion detection

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

Save up to 60%

3 Daylight detection

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

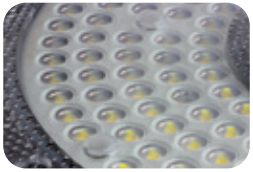
Save up to an additional 22%

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

Quality optics

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

Less fittings required providing energy and cost savings.



Motion sensors - Quick & easy installation

Save time on the installation ultimately savings costs on installation.

Quick tool-less connection

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

Takes under **3 seconds**

Installation is **Tool-less**

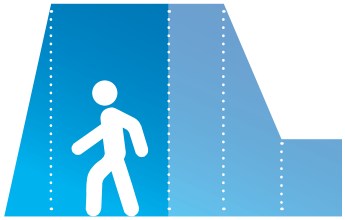
Simple & easy remote

Commission your Area Bay from the floor.

Hold Time: how long the light stays on after movement is no longer detected
Stand-by Dimming: what level the light should dim to after movement is no longer detected
Stand-by Period: how long after no movement is detected, does the luminaire wait until switching **off**
Detection Range: enables you to adjust the sensitivity of sensor
Daylight Threshold: set to only switch the light **on** when the natural light in the space is insufficient for the task

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.



DALI converter

DALI dimming

Make your high bay DALI dimmable using our IP67 rated converter.

Warranty

Long warranty for piece of mind.

5 year guarantee

2 year on-site warranty

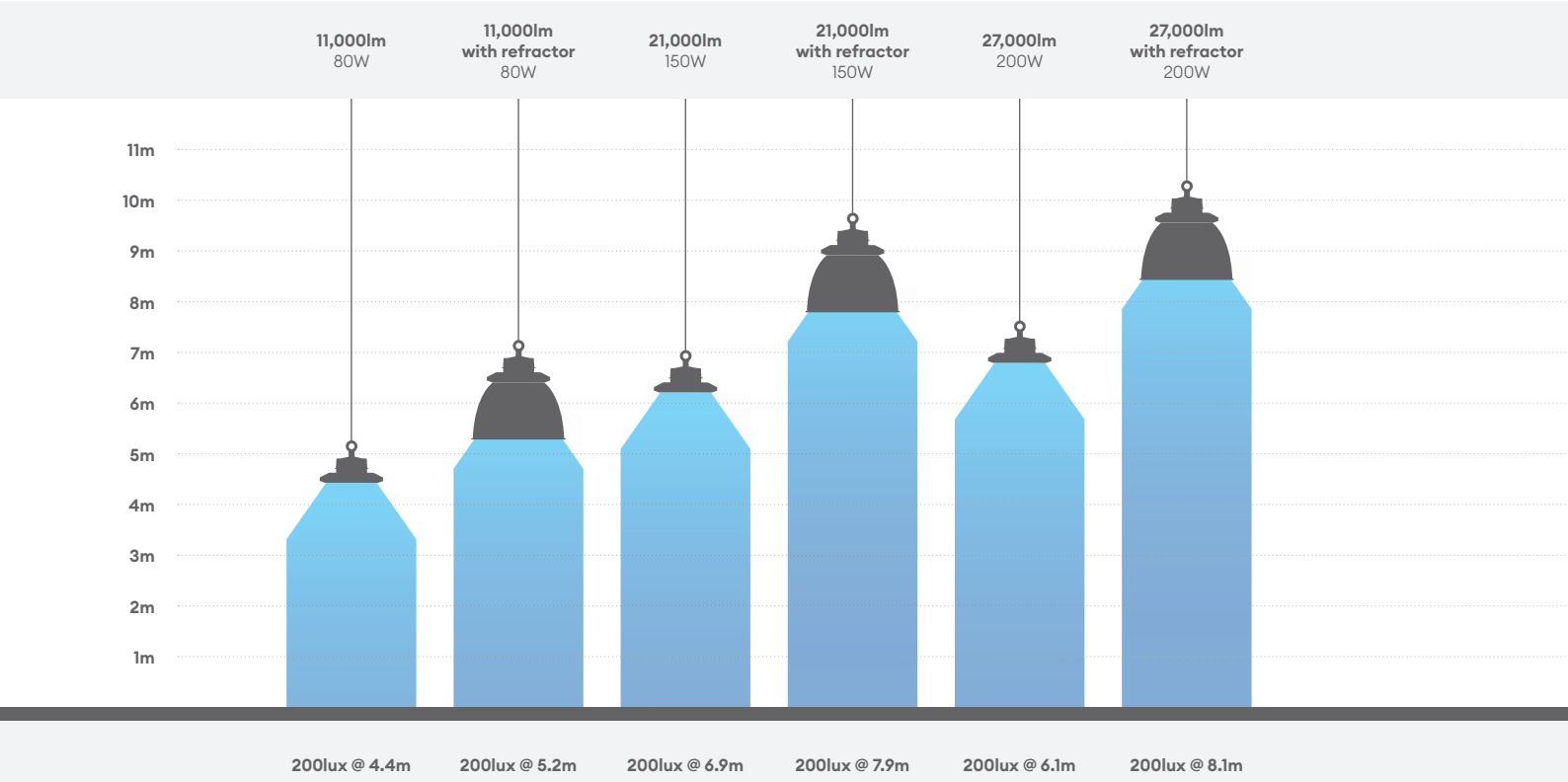
Design guide

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.

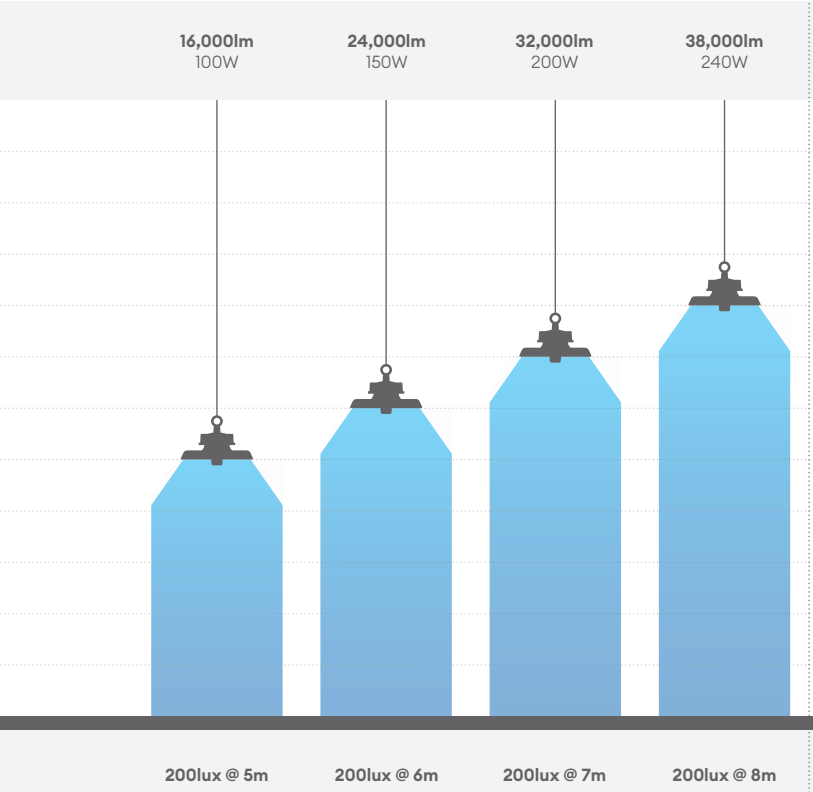
Springbok Lite - Open goods storage

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



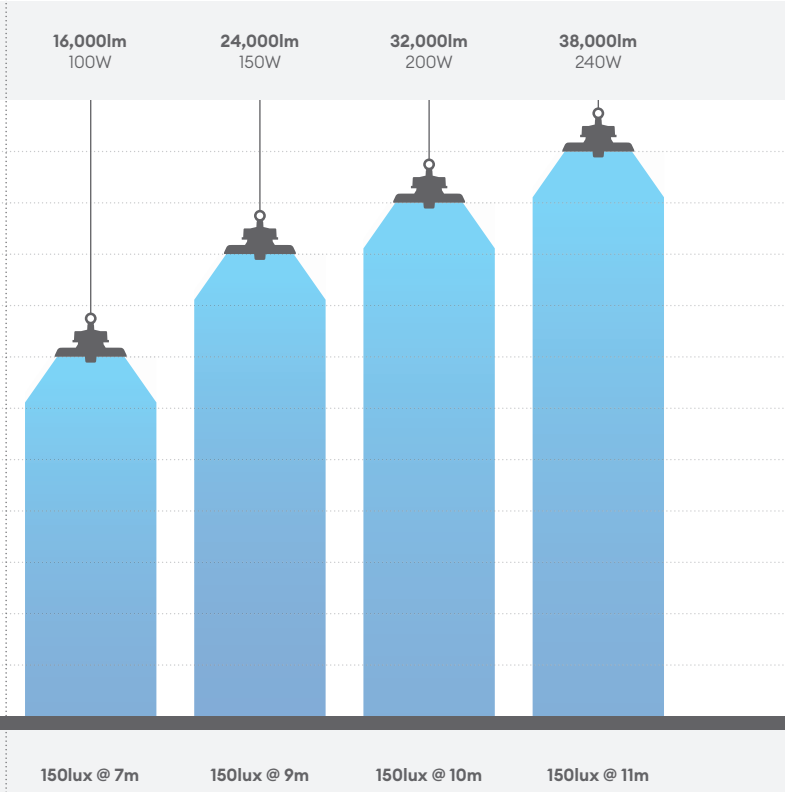
Area Bay - Open goods storage

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**).



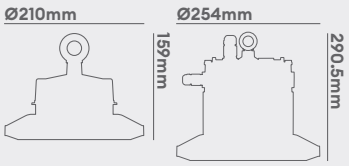
Springbok Lite 80W

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

- High efficacy of 138lm/W
- Very light weight for easy installation
- Emergency option available

2 year on site guarantee

Guarantee	4 years, 2 years on battery, 2 years on-site
Wattage	80W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1



HBL1N HBL1NEM

Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
HBL1N	Matt black RAL9017	Standard	80W	4000K	110°	11000	138	530
HBL1NEM	Matt black RAL9017	Emergency	80W	4000K	110°	11000	138	530

Springbok Lite 150W

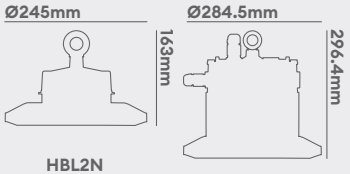
150W High bay luminaire (Replaces 250W or 4X49W T5)

2 year on site guarantee

Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
HBL2N	Matt black RAL9017	Standard	150W	4000K	110°	21000	140	530
HBL2NEM	Matt black RAL9017	Emergency	150W	4000K	110°	21000	140	530

- High efficacy of 140lm/W
- Very light weight for easy installation
- Emergency option available

Guarantee	4 years, 2 years on battery, 2 years on-site
Wattage	150W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1



HBL2N

HBL2NEM

Springbok Lite 200W

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

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

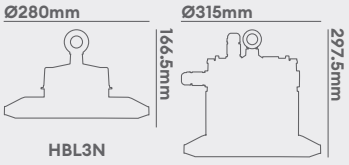
Very light weight for easy installation

E!M **Emergency option available**

2 year on site guarantee

Guarantee	4 years, 2 years on battery, 2 years on-site
Wattage	200W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	54,000h L70
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
HBL3N	Matt black RAL9017	Standard	200W	4000K	110°	27000	135	530
HBL3NEM	Matt black RAL9017	Emergency	200W	4000K	110°	27000	135	530

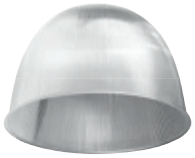
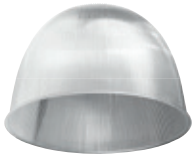


Springbok Lite accessories

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

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

Product Code	Type	Compatible with
HBL1REFR	80° prismatic refractor for intensifying light beam	Springbok Lite 80W
HBL2REFR	80° prismatic refractor for intensifying light beam	Springbok Lite 150W
HBL3REFR	80° prismatic refractor for intensifying light beam	Springbok Lite 200W
HBLMWS	Microwave sensor kit inc junction box and counterweight	Springbok Lite 80W, 150W & 200W
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

Area Bay 100W

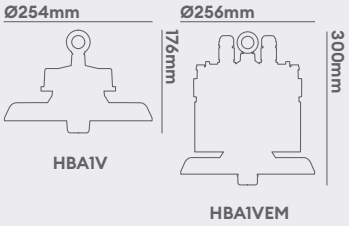
100W High bay luminaire (Replaces 2x80W T5)

High efficacy of 160lm/W

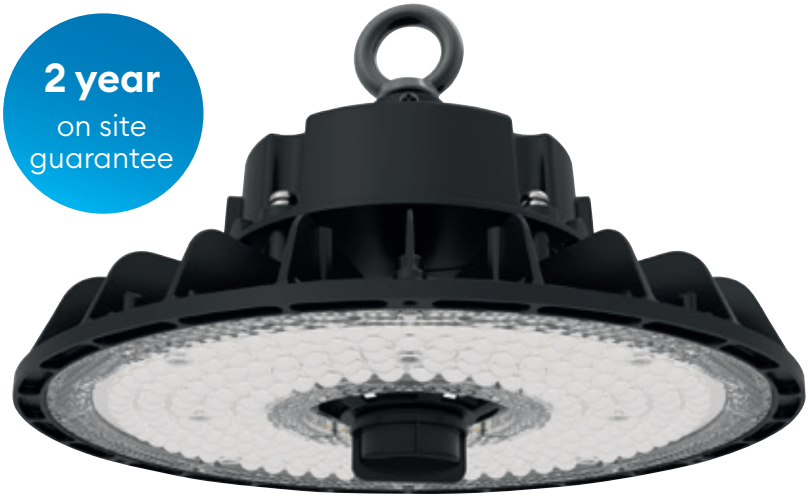
Very light weight for easy installation

Emergency option available

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	100W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V and PWM)
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	54,000h L80
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C to +50°C
Building regulations	Part P
Electric class	1



2 year on site guarantee

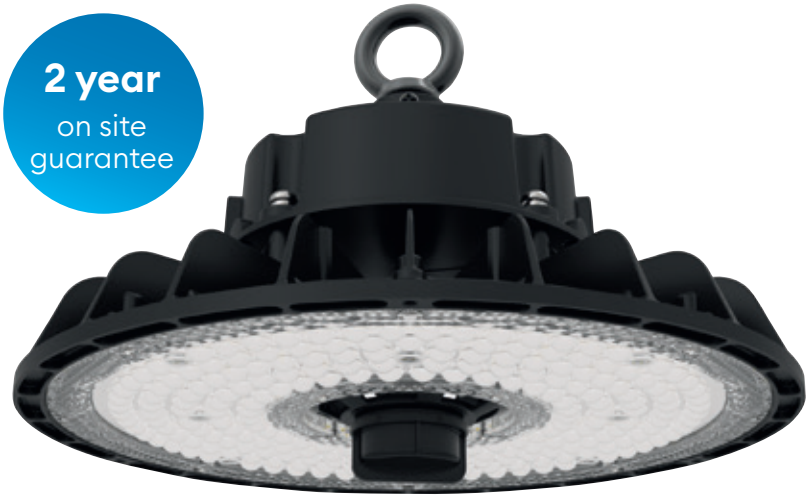


Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
HBA1V	Matt black RAL9017	Standard	100W	4000K	110°	16000	160	650
HBA1VEM	Matt black RAL9017	Emergency	100W	4000K	110°	16000	160	650

Area Bay 150W

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

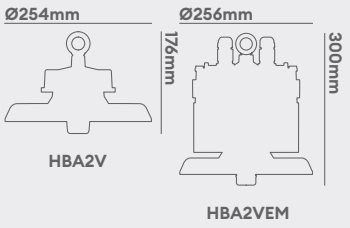
2 year on site guarantee



Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
HBA2V	Matt black RAL9017	Standard	150W	4000K	110°	24000	160	650
HBA2VEM	Matt black RAL9017	Emergency	150W	4000K	110°	24000	160	650

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

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	150W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V and PWM)
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	54,000h L80
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C to +50°C
Building regulations	Part P
Electric class	1

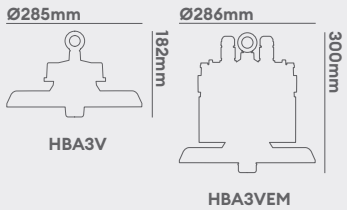


Area Bay 200W

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

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

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	200W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V and PWM)
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	54,000h L80
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C to +50°C
Building regulations	Part P
Electric class	1



Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
HBA3V	Matt black RAL9017	Standard	200W	4000K	110°	32000	160	650
HBA3VEM	Matt black RAL9017	Emergency	200W	4000K	110°	32000	160	650

Area Bay 240W

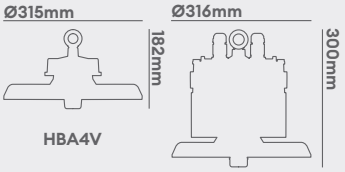
240W High bay luminaire

2 year on site guarantee

Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
HBA4V	Matt black RAL9017	Standard	240W	4000K	110°	38400	160	650
HBA4VEM	Matt black RAL9017	Emergency	240W	4000K	110°	38400	160	650

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

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	240W
IP rating	IP65
IK rating	IK10
Dimmable	Yes (0-10V and PWM)
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	54,000h L80
Emergency version available	Yes
Install connector type	Flying lead
Ambient temperature	-20°C to +50°C
Building regulations	Part P
Electric class	1



Area bay accessories

Make your area bay perfect for your installation

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

Use the tables below to choose the perfect accessory

	HBPIR	HBDLS	HBMWS	HBREM
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
HBMWS	Microwave motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	Area bay
HBREM	Remote control for commissioning	Area bay

	HBROD	HBBRA	HBBRAEXT	HBBRAEM
Accessory on its own				
Accessory on product				

Product Code	Type	Compatible with
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

Low bays

High efficacy & savings

Quick payback

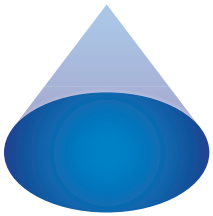
Provide slightly more light, whilst using much less power, resulting in excellent cost savings and quick payback

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**

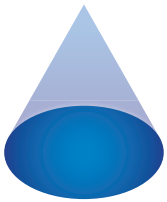
Beam angles

Symmetric vs asymmetric

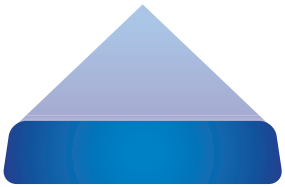
Offering three different beam angles, the Lentus low bay can be used for general lighting or aisles.



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 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.

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.

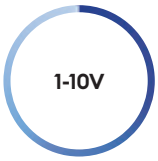
Compact

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.



DALI converter

DALI dimming

Make your low bay DALI dimmable using our IP67 rated converter.

Flicker free

Lighting that's good for the soul

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

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

Lentus 100W

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

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

Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	100W
IP rating	IP40
IK rating	IK08
Dimmable	Yes
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	50,000h L80
Emergency version available	Yes
Install connector type	Std - Flying Lead EM - Push-fit Term
Ambient temperature	Std -40°C to +50°C Em 0°C to +40°C
Building regulations	Part P
Electric class	1
Mounting options	Ceiling & suspended

2 year on site guarantee

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

smart
Wireless available on request

Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	EM lm
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

147lm/W High efficacy of 147lm/W

2.5kg Very light weight 2.5kg for easy installation

EM Emergency option available

Guarantee	5 years, 2 years on battery, 2 year on-site guarantee
Wattage	150W
IP rating	IP40
IK rating	IK08
Dimmable	Yes
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	50,000h L80
Emergency version available	Yes
Install connector type	Std - Flying Lead EM - Push-fit Term
Ambient temperature	Std -40°C to +50°C Em 0°C to +40°C
Building regulations	Part P
Electric class	1
Mounting options	Ceiling & suspended

Product code	Finish	Type	Wattage	Colour	Beam	lm	lm/W	EM lm
LB15040	White	Standard	150W	4000K	120°	22000	147	-
LB15040E	White	Emergency	150W	4000K	120°	22000	147	340

Lentus low bay accessories

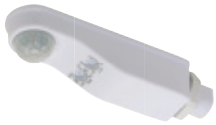
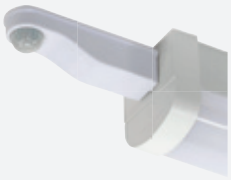
Make your low bay perfect for your installation

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	HBADP
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
HBADP	DALI converter for converting low bay to DALI dimming	Lentus 100W & Lentus 150W

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

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

Industrial floodlights

35
34
33

Easy installation

Tool free access

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

Angle stamped bracket

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

1m cable

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

Daylight savings

Photocell kit accessory

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
100W	2
150W	2
200W	Not compatible

Flicker free

Lighting that's good for the soul

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 K2 floodlights are as follows:

100W (4kg) 1.1 sq.m
150W (5kg) 1.12 sq.m
200W (5.6kg) 1.15 sq.m

IP65 & IK08

Built for the toughest of environments

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

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

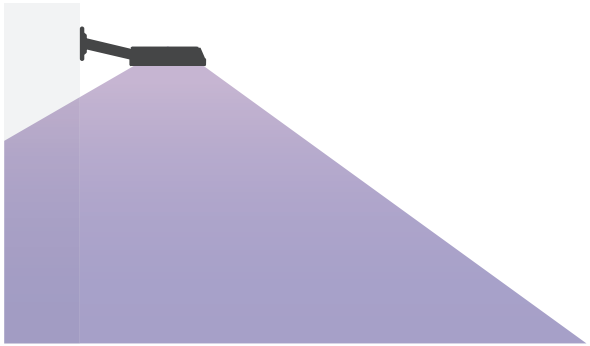
IP65 IK08

Beam angles

Symmetric vs Asymmetric

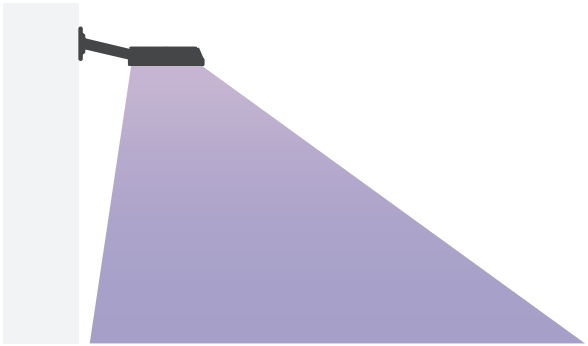
Symmetric

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.



Asymmetric

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

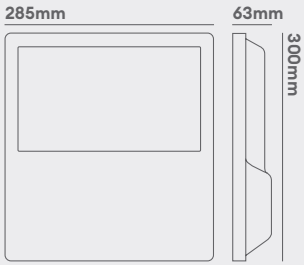


K2 100W

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

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

Guarantee	5 years
Wattage	100W
IP rating	IP65
IK rating	IK08
Tiltable	180°
Dimmable	No
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	50,000h L80
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C to +50°C
Building regulations	Part P
Electric class	1



Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lux @ 1m
IFL10BX30	Black	100W	3000K	120°	11400	114	3402
IFL10BX30100150	Black	100W	3000K	100°x150°	11400	114	1950
IFL10BX40	Black	100W	4000K	120°	11400	114	3402
IFL10BX40100150	Black	100W	4000K	100°x150°	11400	114	1950

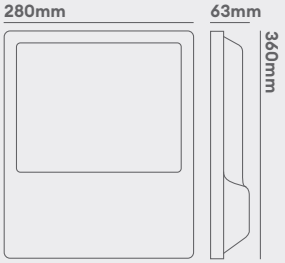
K2 150W

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

Industrial floodlights

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

Guarantee	5 years
Wattage	150W
IP rating	IP65
IK rating	IK08
Tiltable	180°
Dimmable	No
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	50,000h L80
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C to +50°C
Building regulations	Part P
Electric class	1



Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lux @ 1m
IFL15BX30	Black	150W	3000K	120°	17100	114	5235
IFL15BX30100150	Black	150W	3000K	100°x150°	17100	114	2966
IFL15BX40	Black	150W	4000K	120°	17100	114	5235
IFL15BX40100150	Black	150W	4000K	100°x150°	17100	114	2966

K2 200W

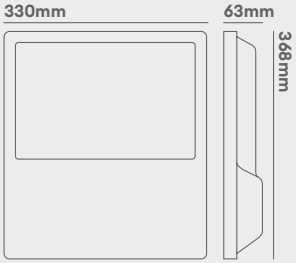
Aluminium Industrial Floodlight, up to 111lm/W, IP65 & IK08 rated

111lm/W **High efficacy of 111lm/W**

Quick and easy installation with angle stamped brackets

IP65 **IP65 suitable for outdoor environments**

Guarantee	5 years
Wattage	200W
IP rating	IP65
IK rating	IK08
Tiltable	180°
Dimmable	No
Input	220-240V 50/60Hz Surge protection 6KV
LED lifetime	50,000h L80
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C to +50°C
Building regulations	Part P
Electric class	1



Product code	Finish	Wattage	Colour	Beam	lm	lm/W	lux @ 1m
IFL20BX30	Black	200W	3000K	120°	22000	111	6550
IFL20BX30100150	Black	200W	3000K	100°x150°	22000	111	3768
IFL20BX40	Black	200W	4000K	120°	22200	111	6550
IFL20BX40100150	Black	200W	4000K	100°x150°	22200	111	3768

K2 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 tables below to choose the perfect accessory for your floodlight

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

Floodlight	Floodlights per photocell
100W	2
150W	2
200W	Not compatible

Product Code	Type	Compatible with
PCELLKIT	Cell kit accessory	K2 100W, K2 150W & K2 200W

Anti-corrosives

L13
L11
L10
L9
L8
L7

Anti-corrosives

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	Typical T8 fluorescent lamp	Collingwood fitting
Average lamp life	12,000 hours	50,000 hours
Quality of fittings	100	100
Watts per fitting	2 x 36W	35W
Energy £/Year	**£23,273**	**£12,929**

IP65 & IK08

Built for the toughest of environments

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.

Dimmable

DALI-2 & 0-10V dedicated product codes available

DALI-2 is the latest protocol, meaning these units are up-to-date for the latest requirements. DALI offers complete control of the lighting in your spaces, enabling you to control and monitor each fixture individually.

This is ideal for large, multi-purpose spaces that require differing light levels or regular changes to the layout.

Emergency options

The complete solution

Essential for many industrial spaces, it is vital to keep the area illuminated in the event of an emergency or loss of power. That's why we have an emergency version available for all three operating options; standard, microwave sensor and DALI.

The emergency versions will remain illuminated for a minimum of three hours and their convenient self-test feature will ensure that any failings will be clearly evident via the internal indicator light.

Microwave sensors

Motion detection sensor

Perfect for car parks, the sensor will ensure these fixtures are only on when motion is detected, and allow the flexibility to adjust the detection area and hold time.

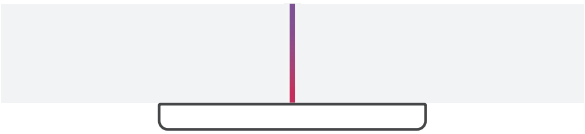
Advantages

- Save your customer energy and money
- More efficiently light your area

Cable entry

Cable entry points from either side and the back of the fixture 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. Two compression cable glands are supplied as standard to help maintain the IP65 rating whilst reducing tension on the cables.

Rear cable entry



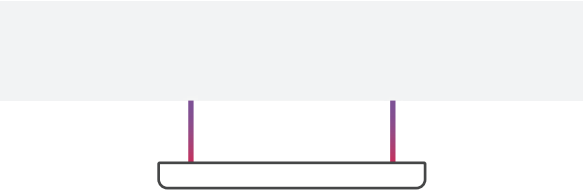
Side cable entry

Mounting options

Our anti-corrosives offer versatility with several mounting and wiring options. Stainless steel mounting brackets and hanging brackets are supplied with each fixture, so the anti-corrosives can be surface mounted directly onto the ceiling, or they can be suspended if the location has a high ceiling. BESA fixing kit available.

Surface mounted

Suspended



Anti-corrosives

- **CCT switchable between 3000K, 4000K & 6500K**
- **Grade 316 Coastal protection kit available**
- **BESA mounting kit available**

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	20W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

Caiman CSP 4ft Single

CCT Colour Switchable

2 year on site guarantee

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

Coastal protection kit

BESA mounting kit

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
AC4SN	Standard	20W	3000K 4000K 6500K	120°	2300 2600 2500	115 130 125	N/A
AC4SNE	Emergency	20W	3000K 4000K 6500K	120°	2300 2600 2500	115 130 125	250

Caiman CSP 4ft Twin

CCT Colour Switchable

2 year on site guarantee

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

Coastal protection kit

BESA mounting kit

	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
AC4TN	Standard	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	N/A
AC4TNE	Emergency	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	250

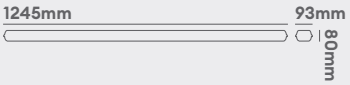
Anti-corrosives

CCT switchable between 3000K, 4000K & 6500K

Grade 316 Coastal protection kit available

BESA mounting kit available

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	36W
IP rating	IP65
IK rating	IK08
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1



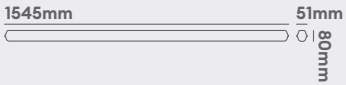
Anti-corrosives

CCT switchable between 3000K, 4000K & 6500K

Grade 316 Coastal protection kit available

BESA mounting kit available

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	30W
IP rating	IP65
IK rating	IK08
Dimmable	DALI-2 and 0-10V Dimmable
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1



Caiman CSP 5ft Single

CCT Colour Switchable

2 year on site guarantee

smart

Wireless available on request

BESA mounting kit

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
AC5SD	DALI-2 dimmable	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	N/A
AC5SDE	Emergency DALI-2 dimmable	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	250
AC5SN	Standard	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	N/A
AC5SNE	Emergency	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	250
AC5SNM	Microwave sensor	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	N/A
AC5SNME	Emergency Microwave sensor	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	250
AC5SV	0-10V Dimmable	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	N/A
AC5SVE	Emergency 0-10V Dimmable	30W	3000K 4000K 6500K	120°	3450 3900 3750	115 130 125	250

Caiman CSP 5ft Twin

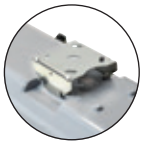
CCT Colour Switchable

2 year on site guarantee

smart

Wireless available on request

BESA mounting kit



Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
AC5TD	DALI-2 dimmable	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	N/A
AC5TDE	Emergency DALI-2 dimmable	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	250
AC5TN	Standard	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	N/A
AC5TNE	Emergency	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	250
AC5TNM	Microwave sensor	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	N/A
AC5TNME	Emergency Microwave sensor	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	250
AC5TV	0-10V Dimmable	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	N/A
AC5TVE	Emergency 0-10V Dimmable	50W	3000K 4000K 6500K	120°	5750 6500 6250	115 130 125	250

Anti-corrosives

CCT switchable between 3000K, 4000K & 6500K

Grade 316 Coastal protection kit available

BESA mounting kit available

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	50W
IP rating	IP65
IK rating	IK08
Dimmable	DALI-2 and 0-10V Dimmable
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

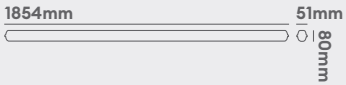
Anti-corrosives

CCT switchable between 3000K, 4000K & 6500K

Grade 316 Coastal protection kit available

BESA mounting kit available

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	36W
IP rating	IP65
IK rating	IK08
Dimmable	DALI-2 and 0-10V Dimmable
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1



Caiman CSP 6ft Single

CCT Colour Switchable

2 year on site guarantee

smart

Wireless available on request

BESA mounting kit

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
AC6SD	DALI-2 dimmable	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	N/A
AC6SDE	Emergency DALI-2 dimmable	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	250
AC6SN	Standard	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	N/A
AC6SNE	Emergency	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	250
AC6SNM	Microwave sensor	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	N/A
AC6SNME	Emergency Microwave sensor	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	250
AC6SV	0-10V Dimmable	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	N/A
AC6SVE	Emergency 0-10V Dimmable	36W	3000K 4000K 6500K	120°	4140 4680 4500	115 130 125	250

Caiman CSP 6ft Twin

CCT Colour Switchable

2 year on site guarantee

smart

Wireless available on request

BESA mounting kit

Product code	Type	Wattage	Colour	Beam	lm	lm/W	Em lm
AC6TD	DALI-2 dimmable	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	N/A
AC6TDE	Emergency DALI-2 dimmable	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	250
AC6TN	Standard	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	N/A
AC6TNE	Emergency	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	250
AC6TNM	Microwave sensor	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	N/A
AC6TNME	Emergency Microwave sensor	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	250
AC6TV	0-10V Dimmable	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	N/A
AC6TVE	Emergency 0-10V Dimmable	60W	3000K 4000K 6500K	120°	6900 7800 7500	115 130 125	250

Anti-corrosives

CCT switchable between 3000K, 4000K & 6500K

Grade 316 Coastal protection kit available

BESA mounting kit available

Guarantee	5 years, 2 years on battery, 2 years on-site
Wattage	60W
IP rating	IP65
IK rating	IK08
Dimmable	DALI-2 and 0-10V Dimmable
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
Emergency version available	Yes
Install connector type	Loop in / Loop out
Ambient temperature	-20°C to +40°C
Building regulations	Part P
Electric class	1

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 low bay

	SSENPBSTWH (PIR)	PIRBOLTDIM (PIR)	PIRBOLTDIMR (PIRBOLTDIM Remote)	EMBOLT... (Emergency)	Coastal clips
Accessory on its own					
Accessory on product			-		

Product Code	Type	Compatible with
SSENBPSTWH	Bolt on PIR motion sensor	Caiman - 4ft single / twin, 5ft single / twin & 6ft single / twin
PIRBOLTDIM	Bolt on PIR dimming sensor (requires 0-10V driver)	Caiman - 4ft single / twin, 5ft single / twin & 6ft single / twin
PIRBOLTDIMR	Remote control for use with PIRBOLTDIM	Caiman - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTMCOR	Manual test corrridor emergency bolt-on	Caiman - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTMOPEN	Manual test open area lens emergency bolt-on	Caiman - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTSCOR	Self-test corrridor emergency bolt-on	Caiman - 4ft single / twin, 5ft single / twin & 6ft single / twin
EMBOLTSOPEN	Self-test open area lens emergency bolt-on	Caiman - 4ft single / twin, 5ft single / twin & 6ft single / twin
AC4SCLIP316	Anti-corrosive fixing kit for coastal applications	Caiman - 4ft single
AC4TCLIP316	Anti-corrosive fixing kit for coastal applications	Caiman - 4ft twin
AC5SCLIP316	Anti-corrosive fixing kit for coastal applications	Caiman - 5ft single
AC5TCLIP316	Anti-corrosive fixing kit for coastal applications	Caiman - 5ft twin
AC6SCLIP316	Anti-corrosive fixing kit for coastal applications	Caiman - 6ft single
AC65CLIP316	Anti-corrosive fixing kit for coastal applications	Caiman - 6ft twin
ACSBESA	Anti-corrosive fixing kit for BESA mounting	Caiman - 4ft single, 5ft single & 6ft single
ACTBESA	Anti-corrosive fixing kit for BESA mounting	Caiman - 4ft twin, 5ft twin & 6ft twin

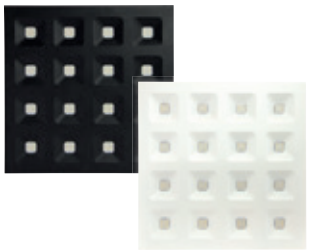
New in 2023

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

Recessed

Domino

Differentiate your space. Lumen switchable ultra-low glare architectural panel designed for office, education and retail applications.



Pendant

Nova

Wide light emitting surface designed for superior optical control and comfortable light. 450mm, 600mm and 900mm available in Black-Gold and White-Gold, suitable to be a centerpiece to any room.

Surface

Astra

Classic shape luminaire with timeless design gives a floating impression when surface mounted. Available in 450mm and two lumen outputs, suitable also to be wall mounted.

Linear

Uniform

Market leading efficacy of 150 Llm/W with outstanding uniform lit effect, our new IP44 rated product features a lumen output switch to enable you to meet various lux levels within a project using the same luminaire.

Downlight

Thea Pro

UGR19 functional downlight that is also IP65 and suitable for a wide range of applications. This highly efficient downlight is also available to be surface mounted using an accessory.

Feature Light

Qubo

Architectural new projector light that can be used indoor or out. Supplied as standard with wall bracket and spike for installation to floor or ground. Qubo features precision degree markers that can tilt up to 120° and rotate 60°.

New in 2023

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

Ground light

GL019

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

Spike light

SL220

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

Marker light

GL100 & GL200

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

Hooded light

GL034

For steps, wall or ground lighting, hooded design directs light across the surface and reduces glare. This straight to mains fixture is built to last, from marine grade stainless steel and comes with a 7-year warranty.

Rotatable spot

UL030 & UL010

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

LED line

Wall washer

Ideal for highlighting architectural features, our asymmetric LED line washes a wall the front of your property with light whilst minimising light spill. Colour changing available.

1901

Design your light
Configure your solution in seconds

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

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

Your lighting scheme, your way, without compromise.

Scan the QR code

to visit our online configurator and build your perfect 1901 product

Pendants

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

Spots

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

Fire-rated downlights

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

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Published February 2023

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