



COLLINGWOOD  
LIGHTING

LIGHTING INNOVATION

ESSENTIALS  
JANUARY 2026



# INOVARA

GROUP

## PREPARE TO BE ENLIGHTENED

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

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

Introducing the strength of Inovara. Lighting innovation.

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# LIGHT A BETTER FUTURE

## Sustainability is at the core of everything we do

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



### Gold medal EcoVadis

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



### Recycling

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



### Energy from renewable sources

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



### Waste experts partnership

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

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

# GREENER PACKAGING

## Reduce, re-use & recycle

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



### 100% recyclable

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



### FSC approved card

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



### Less wastage

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



### Less ink

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

# FAST RELIABLE SERVICE

## We're here to help you succeed

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



**Place an order  
before 3pm**



**Free next day direct  
to site delivery**



### Free on site support

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



### Free on the phone support

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



### Online support

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

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

# NO SUBSTITUTE FOR QUALITY

## You can be confident with us

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



### LIA accreditation

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



### EDA accreditation

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



### Long product warranties

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



### Two year on site warranty

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

# RESIDENTIAL DOWNLIGHTS



## H2 Lite and H2 Pro Extreme

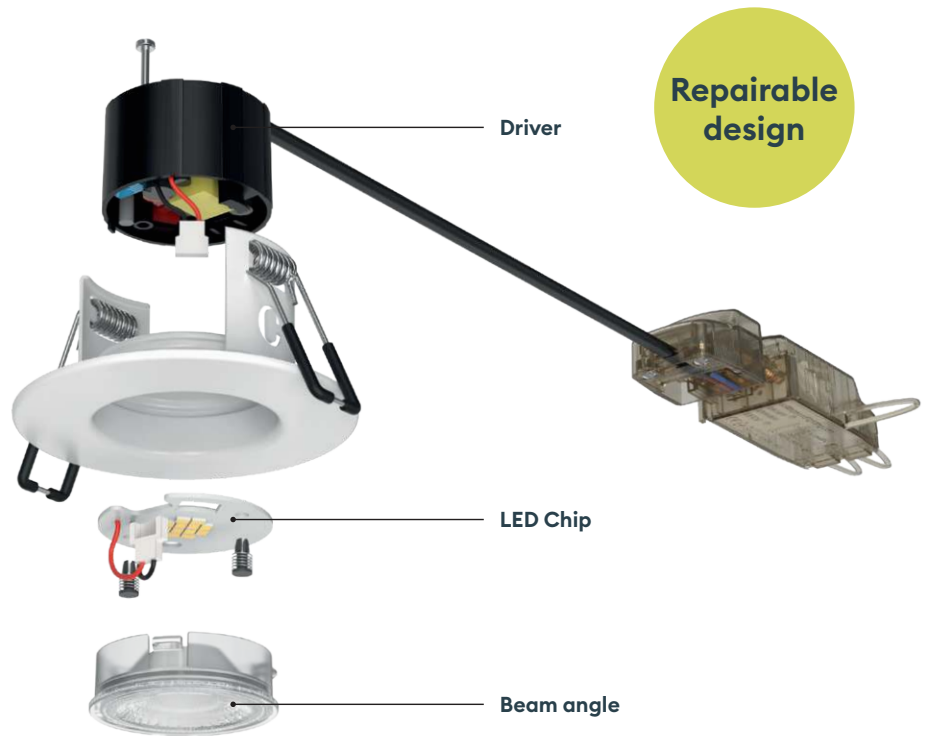
### Upgradeable, Re-useable, lights that lasts

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

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

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

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



## Colour switchable product

### One light, three or four colour temperatures

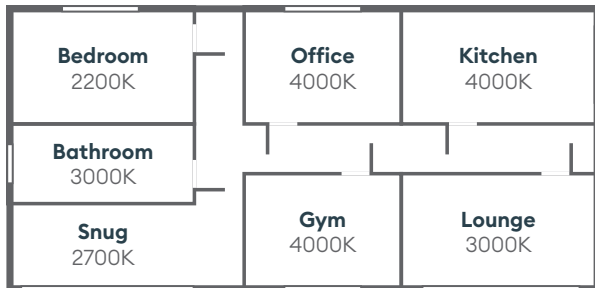
Always have the correct product on hand. Our range of colour switchable downlights are available to stock in 3 or 4 colour temperatures in 1 product (2200K, 2700K, 3000K & 4000K).

#### Advantages

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



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



## Insulation coverable

### Install the product directly under insulation

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

#### Advantages

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



## I-joint and metal web approved

### Perfect for every installation

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



## RESIDENTIAL DOWNLIGHTS



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

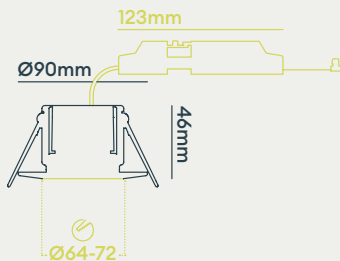


**Shallow depth 46mm**



**Insulation coverable**

<b>Guarantee</b>	10 years
<b>Connector</b>	Easy-fit connector
<b>IP rating</b>	IP65 (from below) IP20 (from above)
<b>Bathroom zone</b>	1
<b>Dimmable</b>	Yes (Mains)
<b>Tiltable</b>	Fixed
<b>CRI</b>	CRI>80
<b>Input</b>	220-240V AC
<b>SELV</b>	Yes
<b>Building regulations</b>	Part B, C, E, P & L
<b>Cut-out size (mm)</b>	64-72
<b>Insulation coverable</b>	Rolled and blown insulation
<b>Ceiling joist approved</b>	Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min



# H2 LITE FIXED

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

**10 years guarantee**



**Repairable design**



**Multipack**  
8 x H2 Lite  
White bezel included



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

Energy rating is a reflection of the LED light source.

# H2 LITE CSP

Wattage & CCT Switchable residential downlight



**Multipack**  
10 x H2 Lite CSP  
White bezel included

**Switches**  
under bezel

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

Energy rating is a reflection of the LED light source.

## RESIDENTIAL DOWNLIGHTS



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

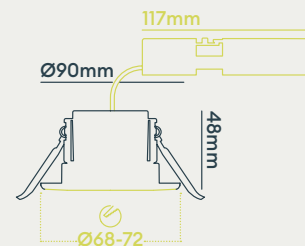


Innovative smooth glide clip design for smooth installation



Front switches allow you to choose options at installation

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



## RESIDENTIAL DOWNLIGHTS



Colour switchable  
between 2700K, 3000K  
and 4000K

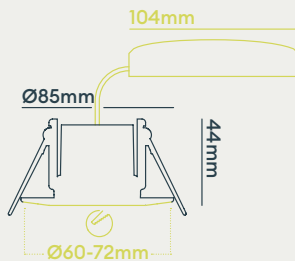


Up to 130lm/W



Shallow depth of 44MM

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



# H2 LITE SELECT

CCT Switchable residential downlight

**5** years  
guarantee



**CCT switch on  
back of product**



**Multipack**  
10 x H2 Lite Select  
White bezel included



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

Energy rating is a reflection of the LED light source.

# H4 LITE CSP

Colour & Wattage Switchable using switches on the back of product

**7** years  
guarantee



Switches on  
back of product



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

Energy rating is a reflection of the LED light source.

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

## RESIDENTIAL DOWNLIGHTS



Colour switchable  
between 2700K, 3000K  
and 4000K

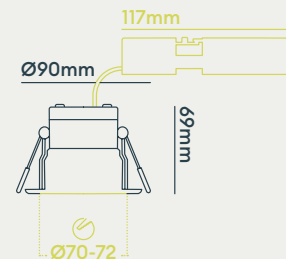


Wattage Switchable  
between 4W & 6W



Switches allow you to  
choose

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



# BEZELS & CONVERTER PLATES

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



**Twist & lock**  
interchangeable bezel

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

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



## RESIDENTIAL DOWNLIGHTS



Colour switchable  
between 2700K, 3000K  
and 4000K

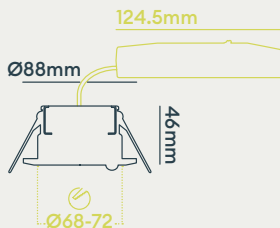


PIR light for switching  
lights OFF that keep  
getting left ON



High efficacy up to  
113lm/W

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



# H2 SENSE

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

Integral  
**PIR**



**200W**

### Switch load

Control up to 30 other  
H2 Sense products



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

Energy rating is a reflection of the LED light source.

# BEZEL & EMERGENCY OPTIONS

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



**Twist & lock**  
interchangeable bezel



Product code	Description	Compatible with
<b>DLSENBBEZ</b>	H2 Sense Black Bezel	H2 Sense
<b>DLSENBBEZP</b>	H2 Sense Black PIR Bezel	H2 Sense
<b>DLSENSBEZ</b>	H2 Sense Brushed Steel Bezel	H2 Sense
<b>DLSENSBEZP</b>	H2 Sense Brushed Steel PIR Bezel	H2 Sense
<b>DLSENBWEZ</b>	H2 Sense White Bezel	H2 Sense
<b>DLSENBWEZP</b>	H2 Sense White PIR Bezel	H2 Sense

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

## RESIDENTIAL DOWNLIGHTS



Designed for living spaces to suit architectural decor

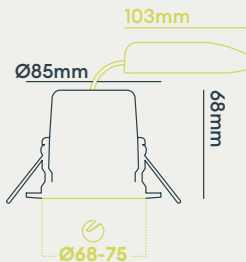


True low glare UGR19 as opposed to perceived low glare



Wattage Switch enables range from 500 up to 900 lumens

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



# H2 DECO

Wattage & CCT Switchable Architectural Downlight



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

Energy rating is a reflection of the LED light source.

# H2 DECO

Wattage & CCT Switchable Architectural Downlight



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

Energy rating is a reflection of the LED light source.

## RESIDENTIAL DOWNLIGHTS



Designed for living spaces to suit architectural decor

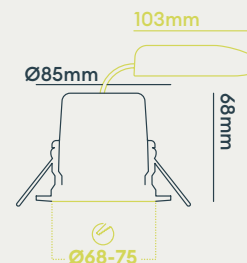


True low glare UGR19 as opposed to perceived low glare



Wattage Switch enables range from 500 up to 900 lumens

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



## RESIDENTIAL DOWNLIGHTS



Designed for living spaces to suit architectural decor

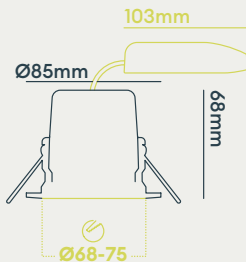


True low glare UGR19 as opposed to perceived low glare



Wattage Switch enables range from 500 up to 900 lumens

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



# H2 DECO

Wattage & CCT Switchable Architectural Downlight



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

Energy rating is a reflection of the LED light source.

# H2 EXTREME

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



Repairable design

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

Energy rating is a reflection of the LED light source.

## RESIDENTIAL DOWNLIGHTS

IP65

IP65 from above and below for total protection

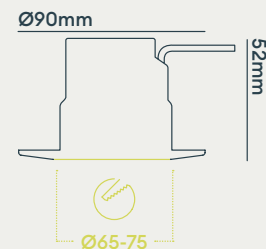


Suitable for use in coastal applications



New 2200K to minimise effects of blue light

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



# RESIDENTIAL FLOODLIGHTS



## Quick & easy installation bracket

### Circular first fix bracket

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

#### Advantages

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



## 360° rotatable and 180° tiltable

### Flexibility and reliability

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

#### 360° rotation

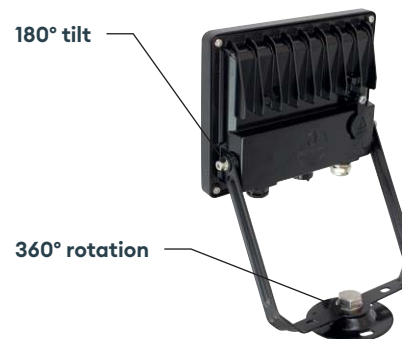
The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.

#### 180° tiltable

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

#### Advantages

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



## CCT switchable

### One light, three colour temperatures

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

#### Advantages

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

#### 3000K



#### 4000K



#### 6500K



## IP65 directional PIR sensor

### PIR sensor: Passive infrared sensor

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

#### Advantages

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



## Coastal protection

### Rust & salt mist protection

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

#### Advantages

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



# RESIDENTIAL FLOODLIGHTS



High efficacy of up to 130lm/W

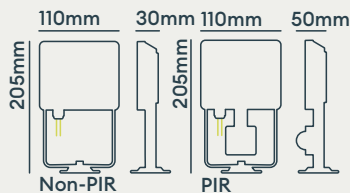


First fix bracket for quick & easy installation



Ideal for coastal areas

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



# FL01

10W colour switchable floodlight suitable for 6.5m height



**3 in 1**  
stock less & sell more

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

Energy rating is a reflection of the LED light source.

# FL02

20W colour switchable floodlight suitable for 9m height



**3 in 1**

stock less & sell more

## RESIDENTIAL FLOODLIGHTS

120lm/W

High efficacy of up to 120lm/W



First fix bracket for quick & easy installation

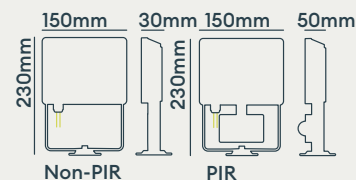


Ideal for coastal areas

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

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

Energy rating is a reflection of the LED light source.



# RESIDENTIAL FLOODLIGHTS



High efficacy of up to 130lm/W

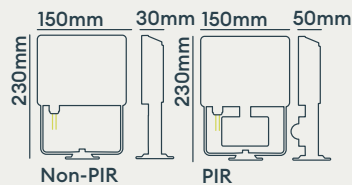


First fix bracket for quick & easy installation



Ideal for coastal areas

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



# FL03

30W colour switchable floodlight suitable for 11m height



**3 in 1**  
stock less & sell more

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

Energy rating is a reflection of the LED light source.

# FL05

50W colour switchable floodlight suitable for 15m height



## RESIDENTIAL FLOODLIGHTS

112lm/W

High efficacy of up to 112lm/W



First fix bracket for quick & easy installation

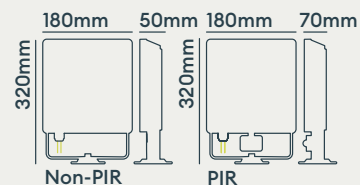


Ideal for coastal areas

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

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

Energy rating is a reflection of the LED light source.



## RESIDENTIAL FLOODLIGHTS

118lm/W

High efficacy of up to 118lm/W

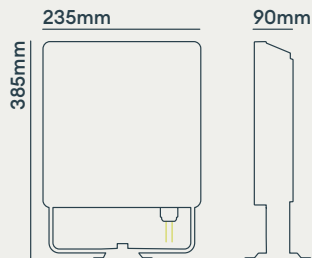


First fix bracket for quick & easy installation



Ideal for coastal areas

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



# FL10

100W colour switchable floodlight suitable for 20m height



**3 in 1**

stock less & sell more



### Easy install bracket

Install the bracket first and then attach the floodlight

Product code	Finish	Type	W	CCT	∠	lm	lm/W	lx at 1m	Energy
FL10BXC5	Black	Standard	100W	3000K	120°	10250	103	4275	
				4000K	120°	11810	118	4926	
				6500K	120°	10970	110	4575	

Energy rating is a reflection of the LED light source.



# PANELS

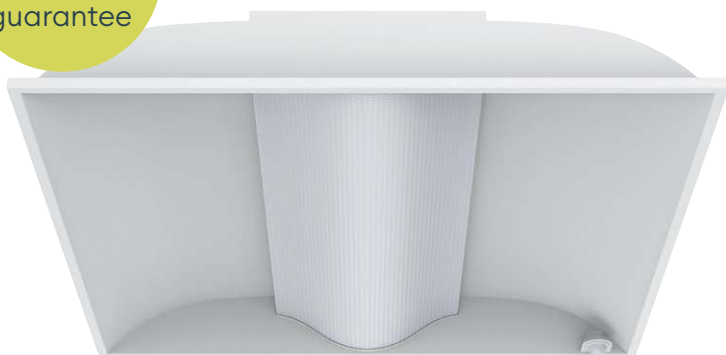




# TRINITY VERSA

600 x 600 Direct/Indirect UGR19 Recessed Modular

**2 years**  
on site  
guarantee



## PANELS

UGR19

UGR19



Wattage switchable from  
13W to 26W

156lm/W

Ultra-efficient up to 156  
Llm/W

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

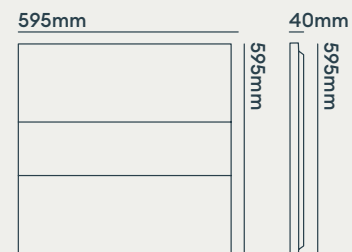
Product code	Dimming	Driver	UGR	W	CCT	∠	lm	lm/W	Energy
TRI66N40	On-Off	Mains	19	13W	4000K	80°	1900	146	
				16W	4000K	80°	2500	156	
				18W	4000K	80°	2800	156	
				20W	4000K	80°	3100	155	
				26W	4000K	80°	3700	142	

Energy rating is a reflection of the LED light source.

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

\*Emergency pack sold separately

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



## PANELS

UGR19

UGR19 Low Glare



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

EM!

Emergency option is available with LEDEP10

### Guarantee

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

### Wattage

27-32W

### IP rating

IP40

### Dimmable

Non-Dim (DALI-2, 0-10V, PUSH-DIM options available)

### UGR

19

### TP rating

TP(a)

### Input

220-240V AC

### Emergency version available

Yes, using converter

### Connector

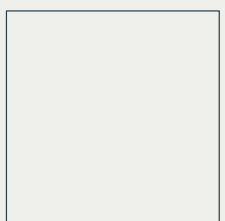
2 part first fit connector

### Electric class

II

600mm

32mm



600mm

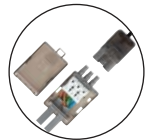


600mm

# SOLIS 600 X 600

Wattage Switchable UGR19 Panel with 2-Part Connector

2 years  
on site  
guarantee



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

Energy rating is a reflection of the LED light source.

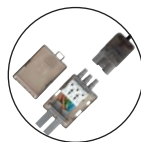
\*Emergency pack sold separately

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

# SOLIS 1200 X 300

1200 x 300 LED panel

**2 years**  
on site  
guarantee



## PANELS

UGR16

Low UGR with UGR16 available



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

EM!

Emergency option is available with LEDEP10

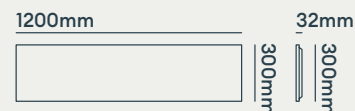
<b>Guarantee</b>	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
<b>Wattage</b>	30W
<b>IP rating</b>	IP40
<b>Dimmable</b>	Yes (DALI-2, 0-10V, PUSH-DIM)
<b>UGR</b>	16
<b>TP rating</b>	TP(a)
<b>Input</b>	220-240V AC
<b>Emergency version available</b>	Yes, using converter
<b>Connector</b>	2 part first fit connector
<b>Electric class</b>	II

Product code	W	UGR	Driver	Dimming	CCT	∠°	lm	lm	Energy
<b>P2B16S30WA</b>	30W	UGR16	Driver included	On-Off	4000K	90°	3450	115	
<b>P2B16X30WA</b>	30W	UGR16	Use driver PS6501100MA or EUP30TIHMC0	DALI2/0-10V/Push-Dim or TRIAC Mains Dim	4000K	90°	3450	115	

Energy rating is a reflection of the LED light source.

\*Emergency pack sold separately

Product code	Description
<b>LEDEP10</b>	Emergency converter, Manual & Self-test switchable, maintained



## PANELS

UGR19

Low UGR with UGR19 available

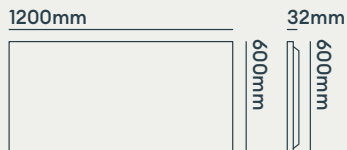


Dimmable with TRIAC mains, Push-Dim, DALI 2 & 0-10V

EM!

Emergency option is available with LEDEP10

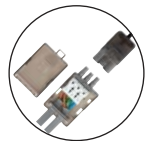
<b>Guarantee</b>	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
<b>Wattage</b>	60W
<b>IP rating</b>	IP40
<b>Dimmable</b>	Yes (DALI-2, 0-10V, PUSH-DIM)
<b>UGR</b>	19
<b>TP rating</b>	TP(a)
<b>Input</b>	220-240V AC
<b>Emergency version available</b>	Yes, using converter
<b>Connector</b>	2 part first fit connector
<b>Electric class</b>	II



# SOLIS 1200 X 600

1200 x 600 LED panel

**2 years**  
on site  
guarantee



Product code	W	UGR	Driver	Dimming	CCT	∠	lm	lm/w	Energy
<b>P2C19S60WA</b>	60W	UGR19	Driver included	On-Off	4000K	90°	6600	110	
<b>P2C19X60WA</b>	60W	UGR19	Use driver TR28000677	DALI2/0-10V/Push-Dim	4000K	90°	6600	110	

Energy rating is a reflection of the LED light source.

\*Emergency pack sold separately

Product code	Description
<b>LEDEP10</b>	Emergency converter, Manual & Self-test switchable, maintained

# PANEL ACCESSORIES

Easily install panels anywhere

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

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

Type	Use with 600 x 600mm panels	Use with 1200 x 300mm panels	Use with 1200 x 600mm panels
Surface mount kit	 <b>P2SMA</b>	 <b>P2SMB</b>	 <b>P2SMC</b>
Suspension mount kit	<b>P1SK</b>	<b>P1SK</b>	-
Wattage switchable driver	 <b>DRV3001050</b>	 <b>DRV3001050</b>	 <b>DRV3001050</b>
Emergency pack	 <b>LEDEP10</b>	 <b>LEDEP10</b>	 <b>LEDEP10</b>
Emergency pack	 <b>LEDEP10EM</b>	 <b>LEDEP10EM</b>	 <b>LEDEP10EM</b>

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

# BATTENS



## Wattage switchable

### One light, four wattage outputs

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

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

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

Highest wattage is default setting

## CCT switchable (Borealis Versa)

### One light, three CCT temperatures

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

<b>3000K</b> Warm White	<b>4000K</b> Cool White (default)	<b>5700K</b> Daylight
----------------------------	--------------------------------------	--------------------------

## IK06 & IP44 or IP20

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



## Emergency & PIR bolt-on sensors

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

### Up to 6m high

Install as high as 6m high.

### Quick attachment

Fast 4 minute conversion time.

### Easy attachment

M20 interface for easy installation.

### LiFePO4 with 2-year guarantee

Long lasting battery.  
(Emergency bolt-on only)

### On/Off PIR control & daylight switching

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



## Cable entry

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

### Rear cable entry



### Side cable entry



## BESA mounting options

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

### Surface mounted



## 7 year warranty

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



## Borealis Versa easy installation

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



## BATTENS



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

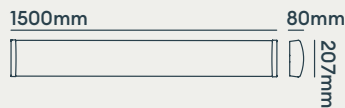


**Ultra-efficient up to 150**  
Llm/W



**UGR19 compliant low**  
glare lighting

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



# UNIFORM VERSA 5FT

Wattage Switchable UGR19 Linear with plug-in Versabox accessories

**2 years**  
on site  
guarantee



**UGR19**

Product code	Finish	Dimmable	W	CCT	∠°	lm	lm/W	Energy
UNV5N40	White RAL9003	Standard non- dimmable	30W	4000K	80°	4500	150	
			35W	4000K	80°	5250	150	
			40W	4000K	80°	6000	150	
			45W	4000K	80°	6750	150	

Energy rating is a reflection of the LED light source.

\*Accessory sold separately

Product code	Description
UNVKITMWS	Microwave Sensor on/off plugin

# UNIFORM 5FT

1500mm Surface Linear

**2 years**  
on site  
guarantee



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

**UGR22**

Product code	Finish	Dimmable	Type	W	CCT	∠	lm	lm/W	Energy
UNL5SD	White RAL9016	DALI-2 dimable	-	30W	4000K	120°	4500	150	
UNL5DE	White RAL9016	Emergency DALI-2 dimable	Emergency	30W	4000K	120°	4500	150	
UNL5SN	White RAL9016	Non- Dimmable with Wattage Output Switch	-	20W	4000K	120°	3000	150	
				23W	4000K	120°	3450	150	
				26W	4000K	120°	3984	150	
				30W	4000K	120°	4500	150	
UNL5NE	White RAL9016	Non- Dimmable with Wattage Output Switch	Emergency	20W	4000K	120°	3000	150	
				23W	4000K	120°	3450	150	
				26W	4000K	120°	3900	150	
				30W	4000K	120°	4500	150	

Energy rating is a reflection of the LED light source.

## BATTENS



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



**Ultra-efficient up to 150**  
Llm/W



**Quick and easy**  
installation with Push-fit  
terminal

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



## BATTENS



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



Ultra-efficient up to 150 Llm/W



Quick and easy installation with Push-fit terminal

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



# UNIFORM 4FT

1200mm Surface Linear

**2 years**  
on site  
guarantee



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

**UGR22**

Product code	Finish	Dimmable	Type	W	CCT	△	lm	lm/W	Energy
<b>UNL4SD</b>	White RAL9016	DALI-2 dimmable	-	30W	4000K	120°	4500	150	
<b>UNL4SDE</b>	White RAL9016	Emergency DALI-2 dimmable	Emergency	30W	4000K	120°	4500	150	
<b>UNL4SN</b>	White RAL9016	Non-Dimmable with Wattage Output Switch	-	20W	4000K	120°	2822	150	
				23W	4000K	120°	3383	150	
				26W	4000K	120°	3984	150	
<b>UNL4SNE</b>	White RAL9016	Non-Dimmable with Wattage Output Switch	Emergency	20W	4000K	120°	2822	150	
				23W	4000K	120°	3383	150	
				26W	4000K	120°	3984	150	
				30W	4000K	120°	4500	150	

Energy rating is a reflection of the LED light source.

# UNIFORM 6FT

1800mm Surface Linear

**2 years**  
on site  
guarantee



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

**UGR22**

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

Energy rating is a reflection of the LED light source.

## BATTENS



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



**Ultra-efficient up to 150**  
Llm/W



**Quick and easy**  
installation with Push-fit  
terminal

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



## BATTENS



**CCT switchable between 3000K, 4000K & 5700K**

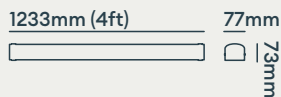


**Wattage Switchable**



**Suspended gear tray for easy installation**

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



# BOREALIS VERSA 4FT

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

**2 years**  
on site  
guarantee



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

**Plug-in**  
kits available

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

Energy rating is a reflection of the LED light source.

# BOREALIS VERSA 5FT

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

**2 years**  
on site  
guarantee



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

**Plug-in**  
kits available

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

Energy rating is a reflection of the LED light source.

## BATTENS



**CCT switchable between**  
3000K, 4000K & 5700K



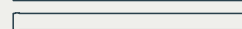
**Wattage Switchable**



**Suspended gear tray for**  
easy installation

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

1533mm (5ft)



77mm



## BATTENS



**CCT switchable between 3000K, 4000K & 5700K**



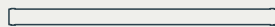
**Wattage Switchable**



**Suspended gear tray for easy installation**

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

1833mm (6ft)



77mm



79mm

# BOREALIS VERSA 6FT

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

**2 years**  
on site  
guarantee



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

**Plug-in**  
kits available

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

Energy rating is a reflection of the LED light source.

# PLUG-IN KITS & ACCESSORIES

Make your batten perfect for your installation

Optional Plug & Play kits and accessories for the perfect installation

## PLUG & PLAY KITS (Uniform Versa)

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

## PLUG & PLAY KITS (Borealis Versa)

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

\* Assembled on demand by Collingwood production.

## ACCESSORIES

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

# COMMERCIAL DOWNLIGHTS



## Dimming options

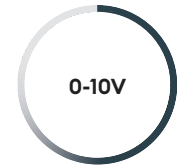
As each installation is unique and has individual requirements, choose between mains, DALI or 0-10V dimming options.



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



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



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

## Converter plate (Thea Lite CSP)

### Retro-fit downlights

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

### Advantages

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



Thea Lite with DL801MW

Product code	Compatible with
DL801MW	Thea Lite CSP 200mm

## Thea Lite CSP 3 products in 1

**CCT switchable:  
one light, three CCT temperatures**

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

### Advantages

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

### 3000K



### 4000K



### 6500K



## CDL 6 products in 1

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

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

### Advantages

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

### Lower output



### Higher output



## COMMERCIAL DOWNLIGHTS



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

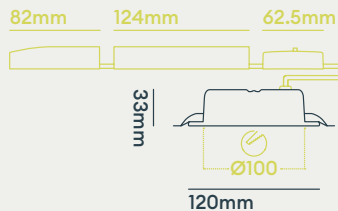


Highly efficient up to 120 Lm/W ensures low running costs



Quick and easy installation with plug & play connectors

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



# THEA LITE CSP 100MM

Colour Switchable IP54 Downlight

**2 years**  
on site  
guarantee



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

Energy rating is a reflection of the LED light source.

\*Emergency pack sold separately

Product code	Description
<b>LEDEPI0EM</b>	Emergency pack for converting into emergency manual-test option

# THEA LITE CSP 150MM

Colour Switchable IP54 Downlight

**2 years**  
on site  
guarantee



## COMMERCIAL DOWNLIGHTS



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



120lm/W

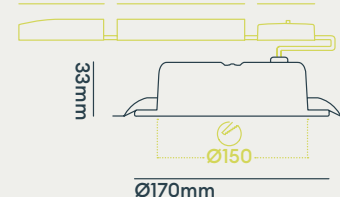
Highly efficient up to  
120 Lm/W ensures low  
running costs



Quick and easy  
installation with plug &  
play connectors

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

82mm 124mm 62.5mm



Product code	Finish	Dimmable	Driver	W	CCT	∠	lm	lm/W	Energy
THL2T	White RAL9003	Mains-Dim	Driver Included Mains	14W	3000K	90°	1550	111	
					4000K	90°	1680	120	
					6500K	90°	1680	120	
THL2X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	14W	3000K	90°	1550	111	
					4000K	90°	1680	120	
					6500K	90°	1680	120	
THLB2T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	14W	3000K	90°	1500	107	
					4000K	90°	1600	114	
					6500K	90°	1600	114	

Energy rating is a reflection of the LED light source.

\*Emergency pack sold separately

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

## COMMERCIAL DOWNLIGHTS



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



120lm/W

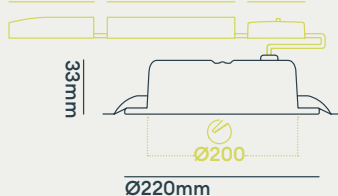
Highly efficient up to 120 Lm/W ensures low running costs



Quick and easy installation with plug & play connectors

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

82mm 124mm 62.5mm



# THEA LITE CSP 200MM

Colour Switchable IP54 Downlight

2 years  
on site  
guarantee



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

Energy rating is a reflection of the LED light source.

\*Emergency pack sold separately

Product code	Description
LEDEPI0EM	Emergency pack for converting into emergency manual-test option

# CDL 12-18W

Colour and wattage switchable commercial downlight

**2 years**  
on site  
guarantee



## COMMERCIAL DOWNLIGHTS



Colour switchable  
between 3000k, 4000K  
& 6000K



Wattage switchable  
between 12W & 18W

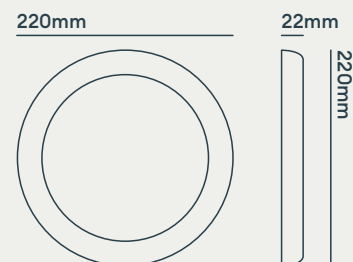
120lm/W

High efficacy of up to  
120lm/W

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

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

Energy rating is a reflection of the LED light source.



# BULKHEADS & WALL LIGHTS





## Bulkheads

### CCT switchable: one light, three CCT temperatures

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

#### Advantages

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

3000K



4000K



6000K



### Wattage switchable: one light, three wattage outputs

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

#### Advantages

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

Lower output



Medium output



Higher output



## Quick & easy installation

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

Push-fit terminals.



Removable twist and lock panel for easy access.



Simply push the quick release button to detach the bracket.



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

Detachable Push-fit terminal.



4 x Conduit entry points



**WL95 Versa** plug in kits available

## Microwave



Microwave + Photocell plug-in options

## Emergency



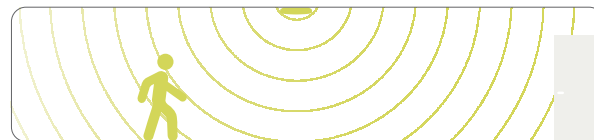
Manual-test, Self-test DALI-2 test plug-in options

## Microwave step-dim sensor

The WL94 sensor detects movement from up to 6 meters away and allows the user to set up two step-dim parameters, reducing the light output during stand-by period, saving energy whilst maintaining ambient illuminance for a prolonged period, until turns off, offering full control of the luminaire light output and the time it is on.

### Sufficient daylight

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



### Insufficient daylight

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



### Hold time

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



### Stand-by period

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



## BULKHEADS & WALL LIGHTS



CCT switchable between 3000K, 4000K & 6500K

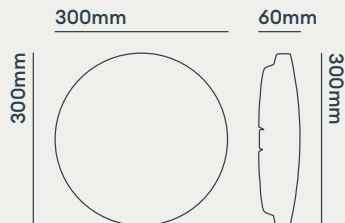


Quick and easy installation bracket



Emergency option available

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



# WL94 10W

IP44 LED slim decorative Bulkhead

**2 years**  
on site  
guarantee



Product code	Finish	Type	W	CCT	∠	Im	Im/W	Energy
<b>WL9410ECS</b>	White	Emergency	10W	3000K	120°	1000	100	
				4000K	120°	1100	110	
				6500K	120°	1100	110	
<b>WL9410MCS</b>	White	Microwave sensor	10W	3000K	120°	1000	100	
				4000K	120°	1100	110	
				6500K	120°	1100	110	
<b>WL9410SCS</b>	White	Standard	10W	3000K	120°	1000	100	
				4000K	120°	1100	110	
				6500K	120°	1100	110	

Energy rating is a reflection of the LED light source.

# WL94 18W

IP44 LED slim decorative Bulkhead

**2 years**  
on site  
guarantee



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

Energy rating is a reflection of the LED light source.

## BULKHEADS & WALL LIGHTS



CCT switchable between  
3000K, 4000K & 6500K

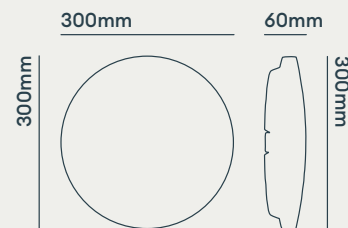


Quick and easy  
installation bracket



Emergency option  
available

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



## BULKHEADS & WALL LIGHTS



CCT switchable between 3000K, 4000K & 6000K

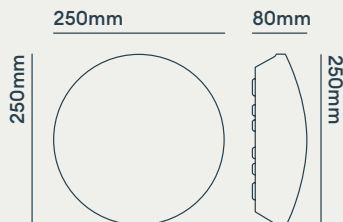


Wattage switchable options from 5W to 20W



IK09 for impact protection

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



# WL95 VERSA 5-8W

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

**2 years**  
on site  
guarantee



**Plug-in**  
kits available

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

Energy rating is a reflection of the LED light source.

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

# WL95 VERSA 5-8W

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

**2 years**  
on site  
guarantee



**Plug-in**  
kits available

## BULKHEADS & WALL LIGHTS



**CCT switchable between 3000K, 4000K & 6000K**



**Wattage switchable options from 5W to 20W**



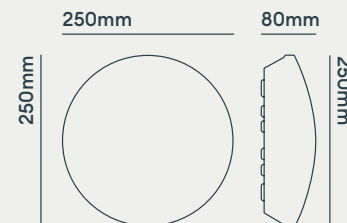
**IK09 for impact protection**

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

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

Energy rating is a reflection of the LED light source.

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



## BULKHEADS & WALL LIGHTS



**CCT switchable between 3000K, 4000K & 6000K**

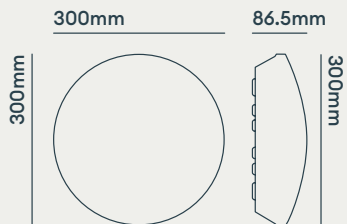


**Wattage switchable options from 5W to 20W**



**IK09 for impact protection**

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



# WL95 VERSA 10-20W

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

**2 years**  
on site  
guarantee



**Plug-in**  
kits available

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

Energy rating is a reflection of the LED light source.

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

# WL95 VERSA 10-20W

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

**2 years**  
on site  
guarantee



**Plug-in**  
kits available

## BULKHEADS & WALL LIGHTS



**CCT switchable between 3000K, 4000K & 6000K**

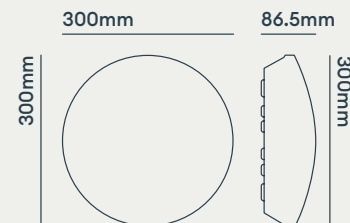


**Wattage switchable options from 5W to 20W**



**IK09 for impact protection**

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



Product code	Finish	Type	W	CCT	∠	lm	lm/W	Energy
WL95B3NCs	Black	300mm On-Off	10W	3000K	115°	1450	145	
				4000K	115°	1500	150	
				6000K	115°	1500	150	
			15W	3000K	115°	2100	140	
				4000K	115°	2200	147	
				6000K	115°	2200	147	
			20W	3000K	115°	2800	140	
				4000K	115°	3000	150	
				6000K	115°	3000	150	

Energy rating is a reflection of the LED light source.







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

# WL95 VERSA ACCESSORIES

Make your WL95 Versa perfect for your installation

A variety of plug-in options available below for your install

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

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





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

# FASCIAS

Make your bulkhead perfect for your installation

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

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

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

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

## BULKHEADS & WALL LIGHTS



CCT switchable between 3000K, 4000K & 5000K



Up to 165lm/W efficacy



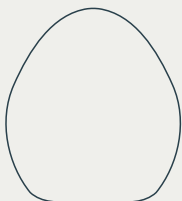
Integral photocell as standard

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

293mm

97mm

289mm



# ARC 10W

Wallpack suitable for 3m (10W)

**2 years**  
on site  
guarantee



Product code	Finish	Type	W	CCT	∠	lm	lm/W	Em lm	Energy
<b>ARAIN</b>	Anthracite grey RAL7016	Standard	10W	3000K	98°*114°	1550	155	-	
				4000K	98°*114°	1650	165	-	
				5000K	98°*114°	1600	160	-	
<b>ARAIINE</b>	Anthracite grey RAL7016	Emergency	10W	3000K	98°*114°	1550	155	300	
				4000K	98°*114°	1650	165	300	
				5000K	98°*114°	1600	160	300	

Energy rating is a reflection of the LED light source.

# ARC PRO CSP

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

**2 years**  
on site  
guarantee



## BULKHEADS & WALL LIGHTS



CCT switchable between 2700K & 3000K (default)



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



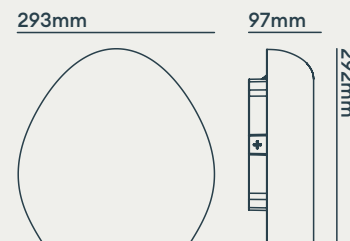
Integral photocell as standard

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

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

Energy rating is a reflection of the LED light source.

\*To order an Emergency variant use product code: ARPBINE

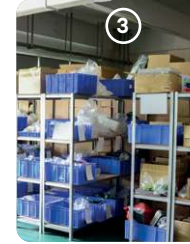


# EMERGENCY LIGHTING



## Emergency range

The Collingwood emergency range is safe, reliable and full of market leading performance features. It has low operational running costs across the long product lifetime. The complete range features bulkheads, exit boxes, exit signs, all complying with ISO 3864-1.



1 Exit Sign

2 Box/Bulkhead

3 Route

4 Max

## Mounting options

	Salvus Exit Sign	Salvus Box	Salvus Box High Pro	Salvus Bulkhead	Salvus Route	Salvus Route Surface	Salvus Max	Salvus Twin Spot
Ceiling	●		●	●	●	●	●	
Wall	●	●	●	●			●	●
Suspended	●							
Conduit M20				●		●	●	●
BESA						●	●	
Open area lens					●	●		
Corridor lens					●	●		

## Self-test vs. Manual test

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

### Manual test

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

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

### Self-test

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

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

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

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

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

## Maintained vs Non-maintained

### Maintained

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

### Non-maintained

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

## EMERGENCY LIGHTING



LiFePO4 battery



Battery Temperature Monitored

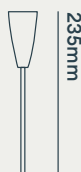


DALI-2 Addressable, Manual & Self Test Option

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

344mm

42mm



# SALVUS EXIT SIGN

24M Viewing Distance Exit Sign



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

# SALVUS EXIT BOX

32M Viewing Distance Final Exit Sign



## EMERGENCY LIGHTING



LiFePO4 battery



Battery Temperature Monitored

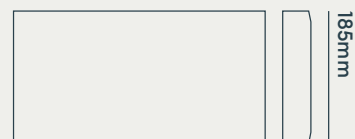


DALI-2 Addressable, Manual & Self Test Option

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

330mm

39mm



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

## EMERGENCY LIGHTING



LiFePO4 battery



Battery Temperature Monitored

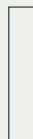
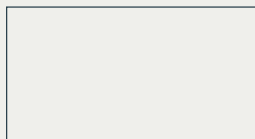


DALI-2 Addressable, Manual & Self Test Option

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

362mm

50mm



190mm

# SALVUS EXIT BOX HIGH PRO

32M Viewing Distance Final Exit Sign



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

# SALVUS BULKHEAD

150lm & 350lm Emergency Bulkhead



## EMERGENCY LIGHTING



LiFePO4 battery



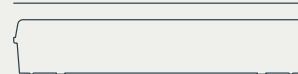
Battery Temperature Monitored



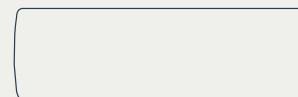
DALI-2 Addressable, Manual & Self Test Option

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

352mm



64mm



110mm

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

## EMERGENCY LIGHTING



LiFePO4 battery



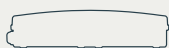
Battery Temperature Monitored



DALI-2 Addressable,  
Manual & Self Test  
Option

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

328mm



165mm



76mm

# SALVUS MAX

1500lm High Output Bulkhead



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

# SALVUS ROUTE

240lm Surface Anti-panic



## EMERGENCY LIGHTING



LiFePO4 battery



Battery Temperature Monitored

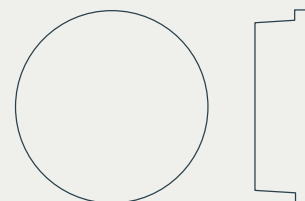


DALI-2 Addressable, Manual & Self Test Option

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

Ø155mm

46mm



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

## EMERGENCY LIGHTING



LiFePO4 battery

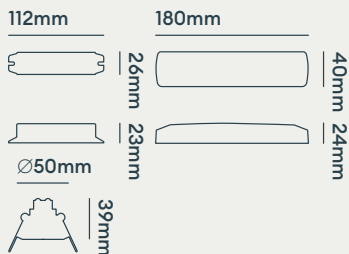


Battery Temperature Monitored



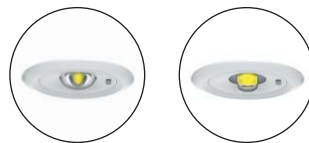
DALI-2 Addressable, Manual & Self Test Option

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



# SALVUS ROUTE

Recessed Anti-panic 150lm



**Open and corridor area lenses**  
Included

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

# SALVUS ROUTE

Recessed Anti-panic 300lm



**Open and corridor area lenses**  
Included

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

## EMERGENCY LIGHTING



LiFePO4 battery

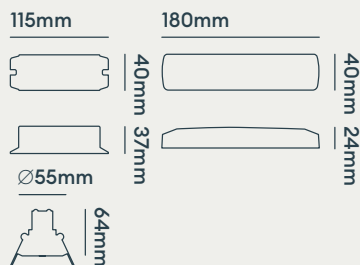


Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

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



## EMERGENCY LIGHTING



LiFePO4 battery

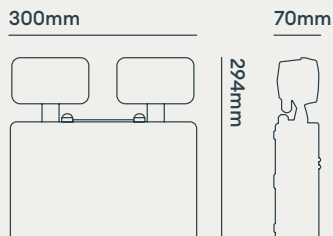


Battery Temperature Monitored



DALI-2 Addressable, Manual & Self Test Option

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



# SALVUS TWIN SPOT

520lm Emergency Twin Spot



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



# ANTI- CORROSIVES



## Wattage & CCT switchable

### Wattage switchable: one light, two wattage outputs

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

#### Advantages

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

Product	Wattage output	Lumen output (max)
Caiman Versa 2ft	10 - 12 - 15 - 18W	1350 - 1800 - 2250 - 2700lm
Caiman Versa 4ft	18 - 25 - 31 - 37W	2775 - 3750 - 4650 - 5550lm
Caiman Versa 5ft	28 - 38 - 48 - 56W	4200 - 5700 - 7200 - 8400lm
Caiman Versa 6ft	33 - 45 - 56 - 67W	5025 - 6750 - 8400 - 10050lm

### CCT switchable: one light, three CCT temperatures

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

#### Advantages

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

**3000K** Warm White



**4000K** Cool White



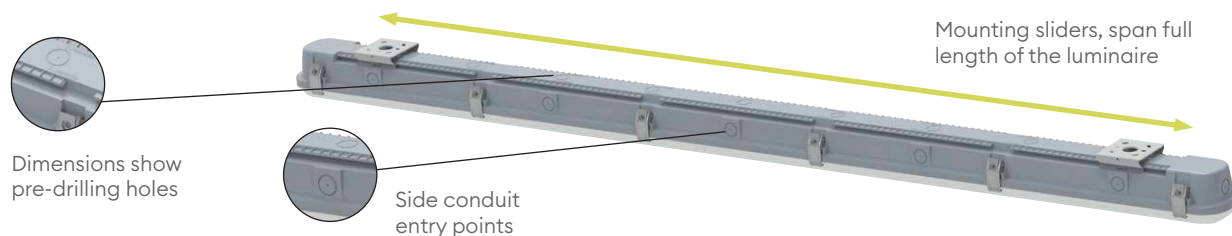
**5700K** Daylight



## Time saving installation

### Fully flexible first-fix bracket

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



## Mounting options

### Caiman Versa

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



### Dimmable



0-10V  
PUSH DIM  
DALI-2

### Microwave



Microwave On-Off  
Microwave STEP-DIM

### Emergency



Manual-test  
Self-test  
DALI-2 test

### IP66 & IK10



High impact and high  
water and dust resistance

## ANTI-CORROSIVES



CCT switchable between 3000K, 4000K & 5700K

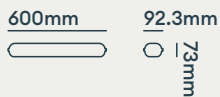


Wattage Switchable



IP66 and IK10 for total protection

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



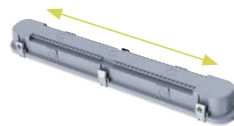
# CAIMAN VERSA 2FT

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

**2 years**  
on site  
guarantee



**Sliding bracket spans length of luminaire**



**Plug & Play Microwave sensor**



**Plug & Play EM sensor**



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

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

# CAIMAN VERSA 4FT

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

**2 years**  
on site  
guarantee



Sliding bracket  
spans length of luminaire



Plug & Play  
Microwave sensor



Plug & Play  
EM sensor



Product code	W	CCT	∠°	lm	lm/W	Em lm	Energy
AC4N	18W	3000K	120°	2590	144	240	
		4000K	120°	2775	154	240	
		5700K	120°	2775	154	240	
	25W	3000K	120°	3500	144	240	
		4000K	120°	3750	154	240	
		5700K	120°	3750	154	240	
	31W	3000K	120°	4340	144	240	
		4000K	120°	4650	154	240	
		5700K	120°	4650	154	240	
	37W	3000K	120°	5180	144	240	
		4000K	120°	5550	154	240	
		5700K	120°	5550	154	240	

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

## ANTI-CORROSIVES



CCT switchable between  
3000K, 4000K & 5700K



Wattage Switchable



IP66 and IK10 for total  
protection

Guarantee	7 years (product), 5 years (battery), 2 years (on-site)
Wattage	18-37W
IP rating	IP66
IK rating	IK10
Dimmable	Yes (DALI-2, 0-10V, PUSH-DIM)
Input	220-240V AC
LED lifetime	L70 100,000h
Emergency version available	Yes, Manual, Self and DALI-2 Test
Install connector type	Removeable, moveable, loop in/out
Ambient temperature	-25°C to +40°C
Electric class	I

1200mm



92.3mm



92.3mm

## ANTI-CORROSIVES



CCT switchable between 3000K, 4000K & 5700K



Wattage Switchable



IP66 and IK10 for total protection

<b>Guarantee</b>	7 years (product), 5 years (battery), 2 years (on-site)
<b>Wattage</b>	28-56W
<b>IP rating</b>	IP66
<b>IK rating</b>	IK10
<b>Dimmable</b>	Yes (DALI-2, 0-10V, PUSH-DIM)
<b>Input</b>	220-240V AC
<b>LED lifetime</b>	L70 100,000h
<b>Emergency version available</b>	Yes, Manual, Self and DALI-2 Test
<b>Install connector type</b>	Removeable, moveable, loop in/out
<b>Ambient temperature</b>	-25°C to +40°C
<b>Electric class</b>	I

1500mm



92.3mm



73mm

# CAIMAN VERSA 5FT

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

**2 years**  
on site  
guarantee



Sliding bracket  
spans length of luminaire



Plug & Play  
Microwave sensor



Plug & Play  
EM sensor



Product code	W	CCT	∠°	lm	lm/W	Em lm	Energy
AC5N	28W	3000K	120°	3920	140	230	
		4000K	120°	4200	150	230	
		5700K	120°	4200	150	230	
	38W	3000K	120°	5320	140	230	
		4000K	120°	5700	150	230	
		5700K	120°	5700	150	230	
	48W	3000K	120°	6720	140	230	
		4000K	120°	7200	150	230	
		5700K	120°	7200	150	230	
	56W	3000K	120°	7840	140	230	
		4000K	120°	8400	150	230	
		5700K	120°	8400	150	230	

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

# CAIMAN VERSA 6FT

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

**2 years**  
on site  
guarantee



Sliding bracket  
spans length of luminaire



Plug & Play  
Microwave sensor



Plug & Play  
EM sensor



Product code	W	CCT	∠°	lm	lm/W	Em lm	Energy
AC6N	33W	3000K	120°	4690	142	200	
		4000K	120°	5025	152	200	
		5700K	120°	5025	152	200	
	45W	3000K	120°	6300	142	200	
		4000K	120°	6750	152	200	
		5700K	120°	6750	152	200	
	56W	3000K	120°	7840	142	200	
		4000K	120°	8400	152	200	
		5700K	120°	8400	152	200	
	67W	3000K	120°	9380	140	200	
		4000K	120°	10050	150	200	
		5700K	120°	10050	150	200	

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

## ANTI-CORROSIVES



CCT switchable between  
3000K, 4000K & 5700K



Wattage Switchable



IP66 and IK10 for total  
protection

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

1800mm



92.3mm



73mm

# CAIMAN VERSA ACCESSORIES

Make your anti-corrosive perfect for your installation

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

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

ACKITMANEM	ACKITSELFEM	ACKITMWS	ACKITMWSDIM
------------	-------------	----------	-------------

Accessory on its own

Accessory on product

## Product codes

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

ACREMOTEMWS  
(ACKITMWSDIM Remote)

ACBESA

PIRBOLT (PIR)

PIRBOLTDIM (PIR)

PIRBOLTDIMR  
(PIRBOLTDIM Remote)

EMBOLT... (Emergency)

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

# HIGH/LOW BAYS





# AREA BAY

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



## Best practice for energy & cost savings

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

### 1 Quality optics

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

**Efficient lighting design**

### 2 Motion detection

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

**Save up to 60%**

### 3 Daylight detection

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

**Save up to an additional 22%**

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

## Quality optics

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

**Less fittings required providing energy and cost savings.**

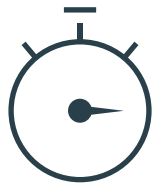


## Motion sensors - Quick & easy installation

Save time on the installation ultimately savings costs on installation.

### Quick tool-less connection

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



Takes under  
**3 seconds**



Installation is  
**Tool-less**

### Simple & easy remote

Commission your Area Bay from the floor.

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

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

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

**Detection Area:** enables you to adjust the sensitivity of sensor

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



## PIR Vs Microwave sensors

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

### PIR sensor

Ideal for use in aisles.

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

**Product code : HBPIR**  
with daylight switch

**Product code : HBPIRDLD**  
PIR with daylight harvest sensor



### Microwave sensor

Ideal for use in open areas.

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

**Product code : HBMWS**  
with daylight switch



# AREA BAY

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

## Refractor accessories

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



**HBA12REFR**  
For 100W - 150W product



**HBA3REFR**  
For 200W product



**HBA4REFR**  
For 240W product

## Step-Dim

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



## Warranty

Long warranty for piece of mind.



**5 year  
guarantee**



**2 year on-site  
warranty**

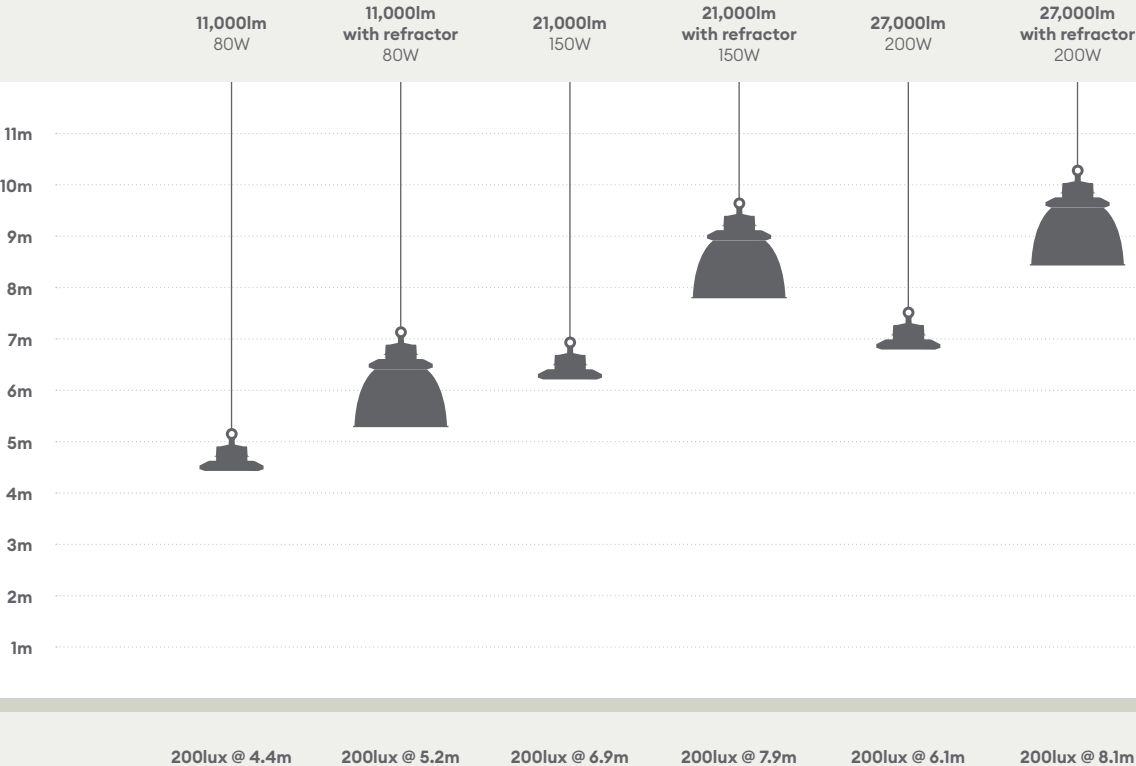
# DESIGN GUIDE

## Which high bay is suited to your project?

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

### Springbok Lite - Open goods storage

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



# DESIGN GUIDE

## Which high bay is suited to your project?

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

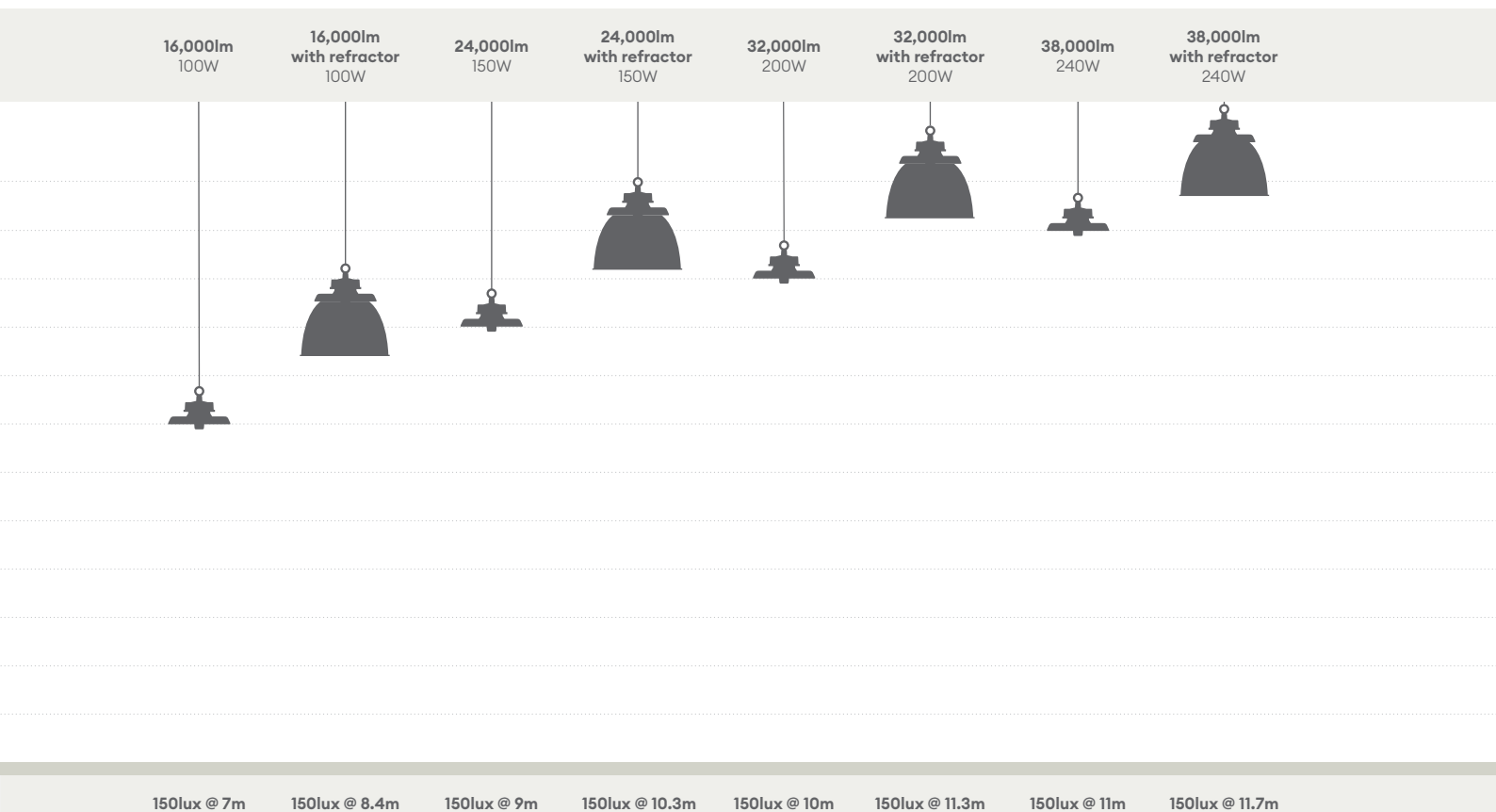
### Area Bay - Open goods storage

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



## Area Bay - Rack storage floor

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



## HIGH/LOW BAYS

160lm/W

High efficacy of  
160lm/W



Very light weight for  
easy installation

EM!

Emergency option  
available

### Guarantee

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

### Wattage

100W

### IP rating

IP65

### IK rating

IK10

### Dimmable

Yes (0-10V, PWM  
and DALI-2)

### Input

220-240V AC  
Surge Protection  
6KV

### LED lifetime

L80 54,000h

### Emergency version available

Yes, Manual-Test

### Install connector type

Flying lead

### Ambient temperature

Non EM: -20°C -  
+40°C | EM: 0°C  
- +40°C

### Electric class

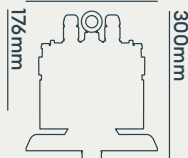
I

Ø254mm



HBAIV

Ø256mm



HBAIVEM

# AREA BAY 16,000LM 100W

100W High bay luminaire (Replaces 2x80W T5)

2 years  
on site  
guarantee



UGR22  
Refractor



Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Em lm	Energy
HBAIV	Matt black RAL9017	Standard	100W	4000K	110°	16000	160	-	
HBAIVEM	Matt black RAL9017	Emergency	100W	4000K	110°	16000	160	650	
HBAID	Matt black RAL9017	DALI-2	100W	4000K	110°	16000	160	-	

Energy rating is a reflection of the LED light source.

# AREA BAY 24,000LM 150W

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

**2 years**  
on site  
guarantee



**UGR22  
Refractor**



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

Energy rating is a reflection of the LED light source.

## HIGH/LOW BAYS

**160lm/W**

**High efficacy of  
160lm/W**



**Very light weight for  
easy installation**

**EM!**

**Emergency option  
available**

<b>Guarantee</b>	Warranty: 5 years Battery Warranty: 2 years On-Site Warranty: 2 years
<b>Wattage</b>	150W
<b>IP rating</b>	IP65
<b>IK rating</b>	IK10
<b>Dimmable</b>	Yes (0-10V, PWM and DALI-2)
<b>Input</b>	220-240V AC Surge Protection 6KV
<b>LED lifetime</b>	L80 54,000h
<b>Emergency version available</b>	Yes, Manual-Test
<b>Install connector type</b>	Flying lead
<b>Ambient temperature</b>	Non EM: -20°C - +40°C   EM: 0°C - +40°C
<b>Electric class</b>	I

Ø254mm



**HBA2V**

Ø256mm



**HBA2VEM**

## HIGH/LOW BAYS

160lm/W

High efficacy of  
160lm/W



Very light weight for  
easy installation

EM!

Emergency option  
available

### Guarantee

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

### Wattage

200W

### IP rating

IP65

### IK rating

IK10

### Dimmable

Yes (0-10V, PWM  
and DALI-2)

### Input

220-240V AC  
Surge Protection  
6KV

### LED lifetime

L80 54,000h

### Emergency version available

Yes, Manual-Test

### Install connector type

Flying lead

### Ambient temperature

Non EM: -20°C -  
+40°C | EM: 0°C  
- +40°C

### Electric class

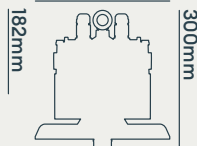
I

Ø285mm

Ø286mm



HBA3V



HBA3VEM

# AREA BAY 32,000LM 200W

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

2 years  
on site  
guarantee



UGR22  
Refractor



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

Energy rating is a reflection of the LED light source.

# AREA BAY 38,000LM 240W

240W High bay luminaire

**2 years**  
on site  
guarantee



**UGR22  
Refractor**



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

Energy rating is a reflection of the LED light source.

## HIGH/LOW BAYS

**160lm/W**

**High efficacy of  
160lm/W**

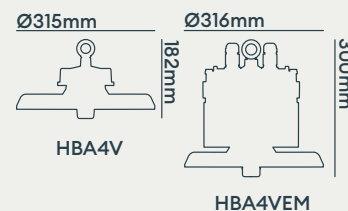


**Very light weight for  
easy installation**

**EM!**

**Emergency option  
available**

<b>Guarantee</b>	Warranty: 5 years Battery Warranty: 2 years On-Site Warranty: 2 years
<b>Wattage</b>	240W
<b>IP rating</b>	IP65
<b>IK rating</b>	IK10
<b>Dimmable</b>	Yes (0-10V, PWM and DALI-2)
<b>Input</b>	220-240V AC Surge Protection 6KV
<b>LED lifetime</b>	L80 54,000h
<b>Emergency version available</b>	Yes, Manual-Test
<b>Install connector type</b>	Flying lead
<b>Ambient temperature</b>	Non EM: -20°C - +40°C   EM: 0°C - +40°C
<b>Electric class</b>	I



# AREA BAY ACCESSORIES

Make your area bay perfect for your installation

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

Use the tables below to choose the perfect accessory

HBPIR	HBDLS	HBPIRDL D	HBMWS	UNRE MOTEMWS (sensor remote )	HBLEMGREM
-------	-------	-----------	-------	----------------------------------	-----------

Accessory on its own



Accessory on product



Product code	Type	Compatible with
<b>HBPIR</b>	Passive infra-red (PIR) motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	Area bay
<b>HBDLS</b>	Daylight harvesting sensor with photocell (Max. recommended mounting height is 13 metres)	Area bay
<b>HBPIRDL D</b>	Passive infra-red motion sensor with daylight dimming/harvesting	Area bay
<b>HBMWS</b>	Microwave motion sensor with daylight threshold switch (Max. recommended mounting height is 13 metres)	Area bay
<b>UNRE MOTEMWS</b>	Remote control for commissioning, compatible with <b>HBPIR</b> , <b>HBDLS</b> and <b>HBMWS</b>	Area bay
<b>HBLEMGREM</b>	High Bay, 6W 1000lm, Emergency Conversion Pack, Manual test	Area bay

**HBA12REFR** (for  
100W & 150W)

**HBA3REFR**  
(for 200W)

**HBA4REFR**  
(for 240W)

**HBROD**

**HBBRA**

**HBBRAEXT**

**HBBRAEM**



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

## HIGH/LOW BAYS

150lm/W

High efficacy of  
150lm/W



Wattage switchable  
from 100W to 200W

EM!

Emergency options for  
Manual and Self-Test

### Guarantee

Warranty: 5 years  
Battery Warranty:  
3 years  
On-Site Warranty:  
2 years

**Wattage** 100W-125W-150W

**IP rating** IP65

**IK rating** IK108

**Dimmable** Yes (0-10V)

**Input** 220-240V

**LED lifetime** L80 50,000h

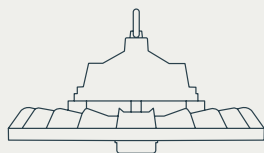
**Emergency version available** Manual-Test & Self-Test

**Install connector type** Flying lead

**Ambient temperature** -20°C - +50°C

**Electric class** I

Ø260mm



165mm  
120mm

# FLEX BAY

## 100W-125W-150W

150W High bay luminaire (Replaces 400W or 4x80W T5)

**2 years**  
on site  
guarantee



Product code	Finish	Type	△	CCT	W	lm	lm/W	Energy
HBAS1V40	Black	Standard	90°	4000K	100W	15000	150	
					125W	18800	150	
					150W	22500	150	
HBAS1V40EMS	Black	Emergency	90°	4000K	100W	15000	150	
					125W	18800	150	
					150W	22500	150	

Energy rating is a reflection of the LED light source.

# FLEX BAY

## 150W-175W-200W

200W High bay luminaire

**2 years**  
on site  
guarantee



Product code	Finish	Type	△	CCT	W	lm	lm/W	Energy
HBAS2V40	Black	Standard	90°	4000K	100W	22500	150	
					125W	26300	150	
					150W	30000	150	
HBAS2V40EMS	Black	Emergency	90°	4000K	150W	22500	150	
					175W	26300	150	
					200W	30000	150	

Energy rating is a reflection of the LED light source.

## HIGH/LOW BAYS

150lm/W

High efficacy of  
150lm/W



Wattage switchable  
from 100W to 200W

EM!

Emergency options for  
Manual and Self-Test

Guarantee

Warranty: 5 years  
Battery Warranty:  
3 years  
On-Site Warranty:  
2 years

Wattage

150W-175W-200W

IP rating

IP65

IK rating

IK108

Dimmable

Yes (0-10V)

Input

220-240V

LED lifetime

L80 50,000h

Emergency version  
available

Manual-Test &  
Self-Test

Install connector  
type

Flying lead

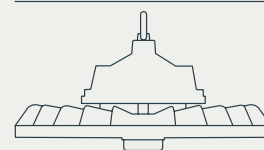
Ambient  
temperature

-20°C - +50°C

Electric class

I

Ø297mm



167mm  
122mm

# 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.

## Reflector accessories

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

**HBL1REFR**  
For 80W product

**HBL2REFR**  
For 100W product

**HBL3REFR**  
For 200W product

## Microwave sensors

### For up to an additional 82% energy savings

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

#### Motion sensor

Only turn your light on when movement is detected.

#### Daylight switching

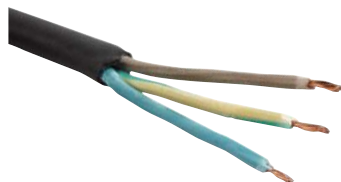
Only turn your light **on** when there is not enough natural light.

#### Quick & easy installation

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

## Quick & easy installation

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



## IP65 & IK08

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



## Warranty

Long warranty for piece of mind.



**4 year  
guarantee**



**2 year on-site  
warranty**

## HIGH/LOW BAYS

138lm/W

High efficacy of  
138lm/W

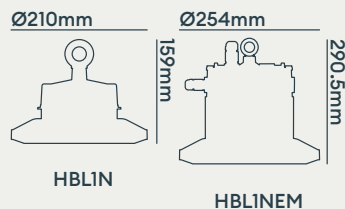


Sensor kit includes  
junction box and  
counter weight

EM!

Emergency option  
available

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



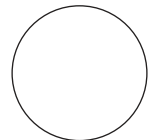
# SPRINGBOK LITE 11,000LM 80W

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

2 years  
on site  
guarantee



UGR22  
Refractor



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

Energy rating is a reflection of the LED light source.

# SPRINGBOK LITE

## 21,000LM 150W

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

**2 years**  
on site  
guarantee



**UGR22**  
Refractor



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

Energy rating is a reflection of the LED light source.

## HIGH/LOW BAYS

140lm/W

**High efficacy of  
140lm/W**

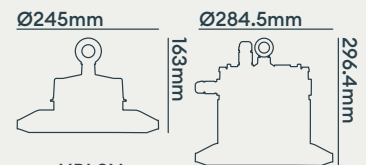


**Sensor kit includes  
junction box and  
counter weight**

**EM!**

**Emergency option  
available**

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



**HBL2N**

**HBL2NEM**

## HIGH/LOW BAYS

135lm/W

High efficacy of 135lm/W

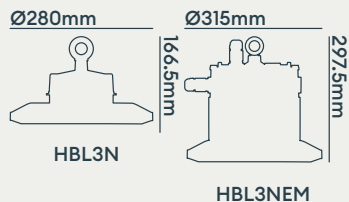


Sensor kit includes  
junction box and  
counter weight

EM!

Emergency option  
available

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



# SPRINGBOK LITE 27,000LM 200W

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

2 years  
on site  
guarantee



UGR22  
Refractor



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

Energy rating is a reflection of the LED light source.

# SPRINGBOK LITE ACCESSORIES

Make your high bay perfect for your installation

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

Use the tables below to choose the perfect accessory

HBL1REFR (for 80W)

HBL2REFR (for 150W)

HBL3REFR (for 200W)

HBLMWS

HBLEMGREM

Accessory on it's own



Accessory on product

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

## GENBAY

Economical high bay for fast return on investment

### Energy savings

**Payback as quick as 2 months**

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

GenBay	Replaces old HIT / HSE fittings	Replaces T5 fitting	Energy savings
200W	400W	2 x 80W	<b>Saving up to 46%</b>
150W	250W	4 x 49W	<b>Saving up to 54%</b>
100W	150W	2 x 80W	<b>Saving up to 43%</b>

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

### Emergency Option

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



## Microwave sensors

### For up to an additional 82% energy savings

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

### Motion sensor

Only turn your light on when movement is detected.

### Daylight switching

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

### Quick & easy installation

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

---

## IP65 & IK08

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



## Warranty

Warranty for piece of mind.



3 year  
guarantee



2 year on-site  
warranty

## HIGH/LOW BAYS

135lm/W

High efficacy of 135lm/W



Sensor kit includes junction box and counter weight

EM

Manual/Self-Test Emergency

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

Ø240mm



48mm

# GENBAY 100W

Ultra-slim and lightweight highbay for lighting general applications

**2 years**  
on site  
guarantee



Emergency  
Converter



Microwave  
Sensor



Product code	Finish	Type	W	CCT	△	lm	lm/W	Energy
HBGIN40	Grey	On-Off	100W	4000K	110°	13500	135	

Energy rating is a reflection of the LED light source.

# GENBAY 150W

Ultra-slim and lightweight highbay for lighting general applications

**2 years**  
on site  
guarantee



**Emergency  
Converter**



**Microwave  
Sensor**



## HIGH/LOW BAYS

**135lm/W**

**High efficacy of 135lm/W**



**Sensor kit includes  
junction box and  
counter weight**

**EM!**

**Manual/Self-Test  
Emergency**

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

Ø285mm



48mm

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

Energy rating is a reflection of the LED light source.

## HIGH/LOW BAYS

135lm/W

High efficacy of 135lm/W



Sensor kit includes junction box and counter weight



Manual/Self-Test Emergency

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

Ø315mm



48mm

# GENBAY 200W

Ultra-slim and lightweight highbay for lighting general applications

**2 years**  
on site  
guarantee



**Emergency  
Converter**



**Microwave  
Sensor**



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

Energy rating is a reflection of the LED light source.

# GENBAY ACCESSORIES

Make your GenBay perfect for your installation

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

**Use the tables below to choose the perfect accessory**

HBGMWS

HBGEMC1MS

Accessory on its own

Accessory on product



## Product codes

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

For full product specification visit [collingwoodlighting.com](http://collingwoodlighting.com)

# RACKBAY

The RackBay combine excellent performance with quick payback.

## Wattage & CCT switchable

### Wattage switchable: one light, three wattage outputs

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

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

### CCT switchable: one light, two CCT temperatures

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

#### Advantages

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

#### 3000K Warm White



#### 4000K Cool White



## Easy installation

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

### Lightweight

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

### Aisle spaces

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

### Compact

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

## Motion sensors

Save time on the installation ultimately savings costs on installation.

### Quick tool-less connection

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

**Product code : HBPIR**  
PIR with daylight switch



**Product code : HBPIRDLD**  
PIR with daylight harvest sensor

**Product code : HBMWS**  
Microwave with daylight switch



## Emergency bolt-on

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

### Up to 10m high

Install as high as 10m high.

### Quick attachment

Fast 4 minute conversion time.

### Easy attachment

M20 interface for easy installation.

EMBOLTRACK

EMBOLT...

## Warranty



5 year  
guarantee



2 year on-site  
warranty

## Dimmable

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



## IP20 & IK07

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



## HIGH/LOW BAYS



**Colour Switchable**  
between 3000K and  
4000K



**Wattage Switchable**  
from 60W to 100W



**High efficacy of**  
150lm/W

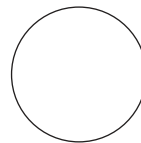
<b>Guarantee</b>	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
<b>Wattage</b>	60-80-100W
<b>IP rating</b>	IP20
<b>IK rating</b>	IK07
<b>Dimmable</b>	Yes (0-10V)
<b>Input</b>	220-240V AC Surge Protection 6KV
<b>LED lifetime</b>	L70 100,000h
<b>Emergency version available</b>	Yes,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



# RACKBAY CSP 60-100W

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

**2 years**  
on site  
guarantee



**Sensor  
accessories**



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

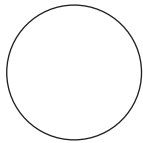
Product code	Type	W	CCT	△°	lm	lm/W	Energy
LBRIV	0-10V Dimmable	60W	3000K	110x55°	8700	145	A D
			4000K	110x55°	9000	150	
		80W	3000K	110x55°	11600	145	A D
			4000K	110x55°	12000	150	
		100W	3000K	110x55°	14500	145	A D
			4000K	110x55°	15000	150	

Energy rating is a reflection of the LED light source.

# RACKBAY CSP 110° OPEN AREA 60-100W

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

**2 years**  
on site  
guarantee



**Sensor accessories**



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

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

Energy rating is a reflection of the LED light source.

## HIGH/LOW BAYS



**Colour Switchable**  
between 3000K and 4000K



**Wattage Switchable**  
from 60W to 100W



**High efficacy of**  
150lm/W

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



## HIGH/LOW BAYS



**Colour Switchable**  
between 3000K and  
4000K

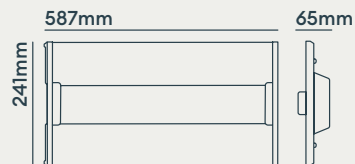


**Wattage Switchable**  
from 160W to 200W



**High efficacy of**  
150lm/W

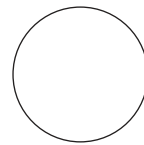
<b>Guarantee</b>	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
<b>Wattage</b>	160-180-200W
<b>IP rating</b>	IP20
<b>IK rating</b>	IK07
<b>Dimmable</b>	Yes (0-10V)
<b>Input</b>	220-240V AC Surge Protection 6KV
<b>LED lifetime</b>	L70 100,000h
<b>Emergency version available</b>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



# RACKBAY CSP 160-200W

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

**2 years**  
on site  
guarantee



**Sensor  
accessories**



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

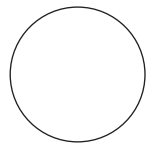
Product code	Type	W	CCT	∠°	lm	lm/W	Energy
<b>LBR2V</b>	0-10V Dimmable	160W	3000K	110x55°	22400	145	
			4000K	110x55°	24000	150	
		180W	3000K	110x55°	25200	145	
			4000K	110x55°	27000	150	
		200W	3000K	110x55°	28000	145	
			4000K	110x55°	30000	150	

Energy rating is a reflection of the LED light source.

# RACKBAY CSP 110° OPEN AREA 160-200W

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

**2 years**  
on site  
guarantee



**Sensor accessories**



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

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

Energy rating is a reflection of the LED light source.

## HIGH/LOW BAYS



**Colour Switchable**  
between 3000K and 4000K

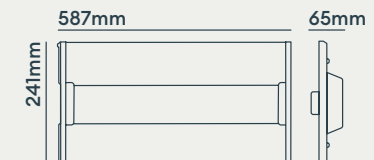


**Wattage Switchable**  
from 160W to 200W



**High efficacy of**  
150lm/W

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



## HIGH/LOW BAYS



**Colour Switchable**  
between 3000K and  
4000K



**Wattage Switchable**  
from 200W to 240W



**High efficacy of**  
150lm/W

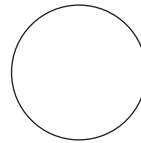
<b>Guarantee</b>	Warranty: 5 years Battery Warranty: 5 years On-Site Warranty: 2 years
<b>Wattage</b>	200-220-240W
<b>IP rating</b>	IP20
<b>IK rating</b>	IK07
<b>Dimmable</b>	Yes (0-10V)
<b>Input</b>	220-240V AC Surge Protection 6KV
<b>LED lifetime</b>	L70 100,000h
<b>Emergency version available</b>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



# RACKBAY CSP 200-240W

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

**2 years**  
on site  
guarantee



**Sensor  
accessories**



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

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

Energy rating is a reflection of the LED light source.



# RACKBAY ACCESSORIES

Make your RackBay perfect for your installation

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

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

HBPIR	HBPIRDL	HBDLS	HBMWS	UNREMOEMWS (sensor remote )
-------	---------	-------	-------	--------------------------------

Accessory on its own

Accessory on product

## Product codes

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

For full product specification visit [collingwoodlighting.com](http://collingwoodlighting.com)

LB2XBRKT

EMBOLTRACK

EMBOLTRACK

EMBOLT...  
(Emergency)

Accessory on its own

Accessory on product

## Product codes

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

For full product specification visit [collingwoodlighting.com](http://collingwoodlighting.com)

# INDUSTRIAL FLOODLIGHTS



## Easy installation

### Tool free access

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

### Angle stamped bracket

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

### 1m cable

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

## Daylight savings

### Photocell kit accessory (PCELLKIT)

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

Floodlight	Floodlights per photocell
Indy K3 - 50W-80W-100W	3
Indy K3 - 100W-150W-200W	2



## Flicker free

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

## Windage factors

### Built for the toughest of environments

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

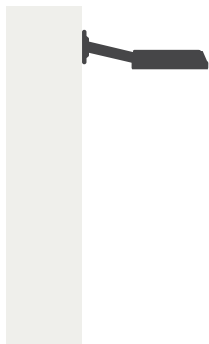
Indy K3 50-100W : 0.08m<sup>2</sup>  
Indy K3 100-200W : 0.13m<sup>2</sup>



## Beam angle

### Symmetric

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



## IP65 & IK07

### Built for the toughest of environments

Durable and versatile, the K3 floodlights are IP65 rated and are suitable for outdoors, whether it is for a large warehouse, loading bays, or car parks.

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



## Wattage switchable

### One light, three wattage outputs

Switchable Product enables one luminaire to meet various lux levels within a project using a lumen output switch

Low



Mid



High



## INDUSTRIAL FLOODLIGHTS

150lm/W

High efficacy up to 150lm/W

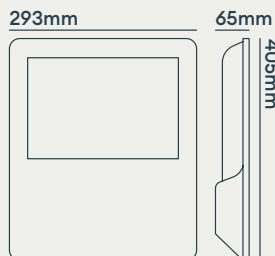


Wattage switchable between 50-100W



CCT switchable between 3000K, 4000K & 6500K

<b>Guarantee</b>	5 years (product), 2 years (on-site)
<b>Wattage</b>	50-80-100W
<b>IP rating</b>	IP65
<b>IK rating</b>	IK08
<b>Tilttable</b>	180°
<b>Dimmable</b>	No
<b>Input</b>	220-240V AC
<b>LED lifetime</b>	L70 50,000h
<b>Emergency version available</b>	No
<b>Install connector type</b>	Flying lead
<b>Ambient temperature</b>	-40°C - 50°C
<b>Electric class</b>	I



# INDY K3 50-80-100W

Wattage Switchable Symmetrical Floodlight

**2 years**  
on site  
guarantee



**Photocell accessory PCELLKIT**  
compatible, 3 floodlights  
per photocell

Product code	Finish	W	CCT	∠	lm	lm/W	Energy	
IFLBINSCSP	Black	50W	3000K	110°	7500	150		
			4000K	110°	8575	175		
			6500K	110°	8000	160		
		80W	3000K	110°	12000	150		
			4000K	110°	13720	175		
			6500K	110°	12800	160		
		100W	3000K	110°	15000	150		
			4000K	110°	17150	175		
			6500K	110°	16000	160		

Energy rating is a reflection of the LED light source.

# INDY K3 100-150-200W

Wattage Switchable Symmetrical Floodlight

**2 years**  
on site  
guarantee



**Photocell accessory PCELLKIT**  
compatible, 2 floodlights  
per photocell

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
IFLB2NSCSP	Black	100W	3000K	110°	15000	150	
			4000K	110°	17150	175	
			6500K	110°	16000	160	
			3000K	110°	22500	150	
			4000K	110°	25725	175	
			6500K	110°	24000	160	
		150W	3000K	110°	30000	150	
			4000K	110°	34300	175	
			6500K	110°	32000	160	
			3000K	110°	30000	150	
			4000K	110°	34300	175	
			6500K	110°	32000	160	

Energy rating is a reflection of the LED light source.

## INDUSTRIAL FLOODLIGHTS

150lm/W

High efficacy up to  
150lm/W



Wattage switchable  
between 100-200W

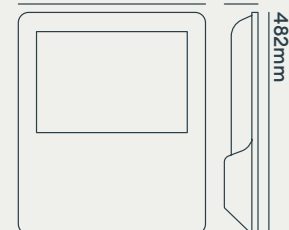


CCT switchable between  
3000K, 4000K & 6500K

Guarantee	5 years (product), 2 years (on-site)
Wattage	100-150-200W
IP rating	IP65
IK rating	IK08
Tiltable	180°
Dimmable	No
Input	220-240V AC
LED lifetime	L70 50,000h
Emergency version available	No
Install connector type	Flying lead
Ambient temperature	-40°C - 50°C
Electric class	I

373mm

69mm



# K3 FLOODLIGHT ACCESSORIES

Make your floodlight perfect for your installation

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

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

## PCELLKIT (Photocell kit)

Accessory on its own



Accessory on product

Install photocell kit in a separate location to floodlight

Floodlight	Floodlights per photocell
Indy K3 - 50W-80W-100W	3
Indy K3 - 100W-150W-200W	2

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



36

35

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27




**COLLINGWOOD**  
LIGHTING

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Published January 2026



BRO ESS UK JAN2026