



Colour Switchable between  
3000K and 4000K



Wattage Switchable from  
60W to 240W



High efficacy of 150lm/W

## WARRANTY

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

## FEATURES & BENEFITS

110x55° beam angle optimised to light racking aisles

IK07 for high protection against impact

Choice of PIR, microwave and daylight control options saves energy and takes just seconds to fit

Mounting options for jack chain suspension, M10 or M20 fixing to busbar and surface mount

Compact and lightweight, our product can be held in one hand and installed by a single person

Quick access to LiFePO4 battery compartment for simple replacement

Removeable driver for easy maintenance

For emergency version use Bolt-on converter's



## RACKBAY CSP

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

### FEATURES

|                        |                      |
|------------------------|----------------------|
| IP rating              | IP20                 |
| IK rating              | IK07                 |
| CSP Switchable         | Switchable CCT       |
| Sensor Option          | Yes - with accessory |
| Dimmable Option        | Yes (0-10V)          |
| LED Lifetime           | L70 100,000h         |
| Colour Rendering Index | CRI>80               |
| Colour Consistency     | SDCM5                |
| Emergency Option       | Yes, using converter |

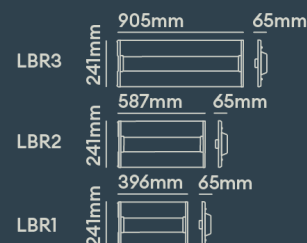
### INSTALLATION INFORMATION

|                             |   |
|-----------------------------|---|
| Input                       | 220-240V AC   |
| Maximum Ambient Temperature | -30°C - 50°C  |
| Weight                      | LBR1: 2.05Kg, LBR2: 2.7Kg, LBR3: 3.36Kg   |
| Inrush Current              | 60-80-100W: 100A 220uS;<br>160-180-200: 100A 316uS;<br>200-220-240W 100A 316uS          |
| Construction Material       | Aluminium / PC  |
| SELV                        | No  |
| Electric Class (1, 2, 3)    | I   |
| Install Connector Type      | Flying lead   |
| UK Building Regulations     | Part P & L  |
| UK Protection               | Short Circuit Protection,<br>Over Temperature<br>Protection, Over Voltage<br>Protection |
| Mounting Options            | Ceiling & suspended   |
| Power Factor                | 0.948   |

### Photometrics @ 25°C

| Product Code | Finish | Type           | Beam    | W    | Colour | lm    | lm/W | Energy |
|--------------|--------|----------------|---------|------|--------|-------|------|--------|
| LBR1V        | White  | 0-10V Dimmable | 110x55° | 60W  | 3000K  | 8700  | 145  |        |
|              |        |                |         | 80W  | 4000K  | 9000  | 150  |        |
|              |        |                |         | 100W | 3000K  | 11600 | 145  |        |
|              |        |                |         | 160W | 4000K  | 12000 | 150  |        |
|              |        |                |         | 200W | 3000K  | 14500 | 145  |        |
|              |        |                |         | 240W | 4000K  | 15000 | 150  |        |
| LBR2V        | White  | 0-10V Dimmable | 110x55° | 180W | 3000K  | 22400 | 145  |        |
|              |        |                |         | 200W | 4000K  | 24000 | 150  |        |
|              |        |                |         | 200W | 3000K  | 25200 | 145  |        |
|              |        |                |         | 200W | 4000K  | 27000 | 150  |        |
|              |        |                |         | 200W | 3000K  | 28000 | 145  |        |
|              |        |                |         | 200W | 4000K  | 30000 | 150  |        |
| LBR3V        | White  | 0-10V Dimmable | 110x55° | 220W | 3000K  | 30800 | 145  |        |
|              |        |                |         | 240W | 4000K  | 33000 | 150  |        |
|              |        |                |         | 240W | 3000K  | 33600 | 145  |        |
|              |        |                |         | 240W | 4000K  | 36000 | 150  |        |

## WIRING INFORMATION



Cable / Flying Lead  
Type of Wiring Required

Pre-wired 3-Core 1m flying mains cable  
Parallel

## ACCESSORIES

**LB2XSUSH**

Suspension hooks for jack chain

Included

**LB2XBRKT**

M20 Busbar mounting brackets

Sold Separately

**EMBOLTRACK**

M20 Emergency Converter 8-12 metres

Sold Separately

**EMBOLTMOPEN**

M20 Emergency Converter 3-6 metres

Sold Separately

**HBPIRDLD**

PIR + Daylight Dimming/Harvest Sensor (use UNREMOTEMWS)

Sold Separately

**CASZHAGAMW**

Casambi Wireless Zhaga PIR+DL Sensor White 12m (0-10V only)

Sold Separately

**CASZHAGASW**

Casambi Wireless Zhaga Node White 12m (0-10V only)

Sold Separately



**COLLINGWOOD**  
LIGHTING

## LIGHTING INNOVATION

Rackbay Low Bay is the ideal lighting solution for warehouse aisles, with a 110x55° beam angle for precise illumination, IK07 impact resistance for durability, and energy-saving options such as PIR, microwave, and daylight control. It has a variety of mounting options, is compact and lightweight for single-person installation, and provides easy access to the LiFePO4 battery and removable driver for simple maintenance.