

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; 160-180-200: 100A 316uS; 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, Over Temperature Protection, Over Voltage 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°	110x55°	60W	3000K	8700	145	
				80W	4000K	9000	150	
					4000K	12000	150	
				100W	3000K	14500	145	
					4000K	15000	150	
				160W	3000K	22400	145	
LBR2V	White	0-10V Dimmable 110x55°	110x55°	180W	4000K	24000	150	
					3000K	25200	145	
				200W	3000K	27000	150	
					4000K	28000	145	
				220W	3000K	30000	150	
					4000K	30000	150	
LBR3V	White	0-10V Dimmable 110x55°	110x55°	200W	3000K	28000	145	
					4000K	30000	150	
				220W	3000K	30800	145	
					4000K	33000	150	
				240W	3000K	33600	145	
					4000K	36000	150	

Default Settings: 4000K colour temperature, 100W power consumption. Energy rating is a reflection of the LED light source.

WIRING INFORMATION



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

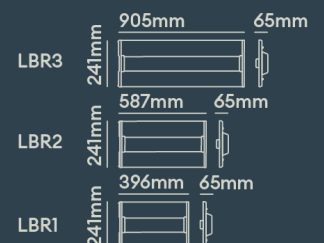
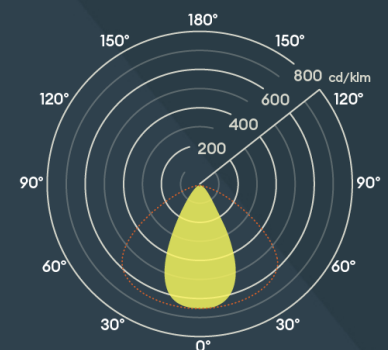
Compact and lightweight, our product can be held in one hand and installed by a single person

Quick access to LiFePO4 battery compartment for simple replacement

Removeable driver for easy maintenance

For emergency version use Bolt-on converter's

BEAM ANGLE: 110x55°



Cable / Flying Lead	Pre-wired 3-Core 1m flying mains cable
Type of Wiring Required	Parallel

ACCESSORIES

LB2XSUSH	Suspension hooks for jack chain	Included
LB2XBRKT	M20 Busbar mounting brackets	Sold Separately
EMBOLTM Rack	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.