

## High bay specification sheet



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# Area Bay 16,000lm

100W High bay luminaire (Replaces 2x80W T5)

### Features

IK Rating	IK10
IP Rating	IP65
CSP Switchable	Single CCT
Sensor Option	PIR, Microwave & Daylight with accessories
Dimmable Option	Yes (0-10V, PWM and DALI-2)
LED Lifetime	L80 54,000h
Colour Rendering Index	CRI>80
Colour Consistency	SDCM5
Emergency Option	Yes, Manual-Test

### Installation information

Install Connector Type	Flying lead
Inrush Current	100A 0.52ms
Construction Material	ADC12 ALU alloy, PC front lens, SS304 Eyelet.
Weight	2.00kg
Ambient Temperature Range	-40°C - 50°C
UK Building Regulations	Part P
Electric Class (1, 2, 3)	1

### Photometrics @ 25°C

Product code	Finish	Feature I	W	Colour	Beam	lm	lm/W	EM
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.

### Wiring information

Cable / Flying Lead	1.5m H05RN-F 3x1.0mm <sup>2</sup> Ø7mm
Type of Wiring Required	Parallel

### Accessories

HBPIRDL	Area Bay PIR + Daylight Harvest Sensor	Sold Separately
HBPIR	Area Bay PIR/Daylight Sensor	Sold Separately
HBMWS	Area Bay Microwave/Daylight Sensor	Sold Separately
HBDLS	Area Bay Daylight Sensor	Sold Separately
HBBRA	HB Bracket Mount for Standard Luminaire	Sold Separately

### Guarantee

5 years, 2 years on emergency battery

### Features & benefits

- High efficacy of 160lm/W
- Very light weight for easy installation
- Emergency option available
- High performance dedicated lens for each LED provides efficient optical control
- Choice of PIR, microwave, daylight and wireless control options saves energy and takes just seconds to fit, just plug-in to the centre of the high bay
- 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

Impact and corrosion resistant aluminium housing which is 100% recyclable

Pre-wired with 1.5m H05RN-F 3x1.0mm<sup>2</sup> Ø7mm

Light source energy efficiency:



Beam angle: 110°

