

High bay specification sheet



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 |

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 |

Wiring information

| | |
|-------------------------|----------------------------------------|
| Cable / Flying Lead | 1.5m H05RN-F 3x1.0mm ² 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 |
| HBREM | Area Bay Remote Control | Sold Separately |
| HBBRA | HB Bracket Mount for Standard Luminaire | Sold Separately |
| HBBRAEXT | HB Extended Bracket Mount for Standard Luminaire | Sold Separately |



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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

Light source energy efficiency:



Beam angle: 110°

