

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, 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 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
HBBRA	HB Bracket Mount for Standard Luminaire	Sold Separately



collingwood

01604 495 151
collingwoodlighting.com

collingwoodled
 /collingwoodlighting
 collingwoodlighting

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 3x1.0mm² Ø7mm

Light source energy efficiency:



Beam angle: 110°

