

Orwell High Bay 100W

16100lm



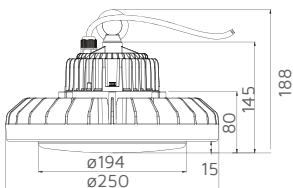
Features

- High Power 20W Emergency function
- Highly efficient heat sink
- Suspension ring for easy installation
- 1m flex
- Dimmable Driver as standard
- Suitable for High Bay installation with optional 60° or 90° lenses
- Suitable for Low Bay installation with wide beam angle



Compatible Accessories

High Bay Suspension Kit	NET-46-16-06	Page 218
60° Lens	NET-23-16-11	Page 179
90° Lens	NET-23-16-13	Page 179
Mounting Bracket	NET-23-16-07	Page 179
Merrytek Daylight Sensor	NET-42-43-12	Page 204



All units are in mm

KEY DATA

Power	100W
Luminous Flux	16100lm
Colour Temperature	5000K
IP Rating	IP65
IK Rating	IK10
Dimensions	ø250 x 188mm
Warranty	5 Years (Registration Required)

Part Number STD

NET-23-12-12

Part Number EM

NET-23-12-17

TECHNICAL SPECIFICATIONS

Input Voltage AC	100-270V
Power Factor	>0.95
Luminaire Efficacy	155lm/W
LED Manufacturer	Sanan
LED Type	SMD 2835
No. of LEDs	220
Driver Manufacturer	Tomcarline
Driver Output Voltage DC	42V
Total Circuit Power (W)	100W +/- 5W
Electrical Class	1
Colour Rendering	>70 CRI
Lamp Viewing Angle	110°
Dimmable	1-10V as Standard
Operating Temp.	-15°C to +45°C
Lifespan _{LM80}	50,000 Hours
Fire Rating	V2
UGR Rating	Less than 30
Diffuser Material	Polycarbonate
Housing Material	Aluminium
Housing Colour	Black
Weight	3Kg
Manufacturer	FYTLED

EMERGENCY SPECIFICATIONS

IP Rating	IP20
Emergency Operation	>3H
Battery Pack	LiFePO4
Emergency Pack	Streamer
Emergency Kit	3 Year Warranty
Operating Temp.	0°C to +45°C
Luminous Flux Factor	20%

Typically Replaces

- 1 x 250W metal halide
- 1 x 250W SON