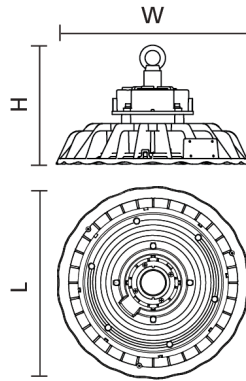


430230-120

Technical Specification

Foremark LED High Bay 100W 5000K 120° Optic - Black



General data

Technology	LED
Mounting options	Suspension
Install Options	Loop Hanging
Install Connector Type	Flying Lead
Input Cable	1.5M H05RN-F 3-Core
Input Electrical Connection	Live Neutral Earth
General Application	Industrial
Operating Temperature Range	-30 - +50 °C
Luminaire Accessories	Remote Control Emergency Pack Sensors
Warranty	5 Years

Optical data

LED Manufacturer / Type	Refond
LED Type	SMD 3030
Fixture Luminous Flux +/-10%	14000 lm
Luminaire Efficacy @4000K	140 lm/W
Colour Temperature	5000 K
CRI	80 Ra
Colour Selectable	NO
Beam Angle	120 °
Photobiological Risk Group	RG1
Photometry Available Tested @ 25°C	Yes

Electrical data

Wattage +/-10%	100 W
Total power consumption	100 W
Mains voltage	100 - 240 V
Lamp power factor	0.95
Electrical protection	Class I
Driver Output	90-130 V
Driver Output Current	0.79 mA
Control Gear Type CC or CV	CC
Dimmable	Yes

Dimmable Type	0 - 10
Driver Brand	Sosen
Nominal Frequency	50/60 Hz
Surge Protection	4 kV
Max. Luminaire per 10A C Breaker	8
Max. Luminaire per 13A C Breaker	10
Max. Luminaire per 16A C Breaker	14
Max. Luminaire per 20A C Breaker	18
Max. Luminaire per 10A B Breaker	6
Max. Luminaire per 13A B Breaker	9
Max. Luminaire per 16A B Breaker	11
Max. Luminaire per 20A B Breaker	15

Lifetime data

Lifespan L70 B50 @25°C	162000 Hrs
Lifespan L80 B20 @25°C	102000 Hrs
Lifespan L90 B10 @25°C	53000 Hrs

Physical Data

Housing Colour	Black RAL9005
Body Material	Diecast Aluminium
Driver Housing	Aluminium
IP Rating	65 IP
IK Rating	8 IK

Diffuser Material	Polycarbonate
Diffuser Finish	Clear
Nominal Product Length	315 mm
Nominal Product Width	315 mm
Nominal Product Height	185 mm
Weight	3.1 kg

Packaging

Single Packaging type	Carton / Inner
Product EAN number	5055379556592
Packaging Inner Length	355 mm
Packaging Inner Width	355 mm
Packaging Inner Height	215 mm
Single packaging weight	3.9

Standards and Approvals

Manufactured In Accordance To	EN60598-1-1
CE Mark	YES
UKCA Mark	YES
WEEE Symbol	YES
Certificate of Conformity	Available on Request