

430733-90

Technical Specification

Industrial

Foremark High Bay 100W 5000K 90D Plug & Play (Zhaga)



Supplied with 1.5m prewired H05RN-F cable
Sosen LED Driver
90° or 120° optic options
Plug & Play
Options: , Grafham High Output Emergency Pack 660lm , Alwen Zhaga Microwave sensor , Alwen Zhaga PIR Sensor , Alwen Zhaga truSmart PIR sensor



General Data

Technology	LED
Mounting options	Suspension
Install Options	Loop Hanging
Electrical Connector Type	Flying Lead
Input Cable	1.5m H05RN-F 3-Core
Input Electrical Connection	Live Neutral Earth
General Application	Industrial
Operating Temperature Range °C	-30 - +50
Warranty (Years)	5

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Optical Data

LED Manufacturer / Type	BMTC SMD 2835
Fixture Luminous Flux (Lm)	14563
Luminaire Efficacy @5000K (lm/W)	144
LOR %	100
Colour Selectable	No
Beam Angle°	90
Photobiological Risk Group	RG1

Light Source Data

Energy Class	D
Lm/W	144
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	100
Total Power Consumption (W)	101.2
Mains voltage (V)	120 - 240
Lamp power factor	0.95
Electrical protection	Class I
Driver Output (V)	120-240Vdc
Driver Output Current (mA)	0.41
Control Gear Type CC or CV	Constant Current
Dimmable	Yes
Dimmable Type	0-10
Driver Brand	Sosen
Nominal Frequency (Hz)	50/60

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	>60000
Lifespan L80 B20 @25°C (Hrs)	>60000
Lifespan L90 B10 @25°C (Hrs)	>51000

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Physical Data

Housing colour	Black RAL 9017
Body material	Aluminium Alloy
Driver Housing	Aluminium
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Diffuser finish	Polycarbonate
Nominal Product Length (mm)	304
Nominal Product Width (mm)	304
Nominal Product Height (mm)	177
Weight (kg)	2.2

Standards and Approvals

Manufactured In Accordance To	EN 60598-1
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

