

431178-90

Technical Specification

Industrial

Meadley High Bay 50W/70W/100W 5000K Black IP65 90D



Wattage Selectable Supplied with 1.5m prewired H05RN-F cable, Sosen LED Driver, 90° or 120° optic options, Plug & Play Options: , Alwen Zhaga Microwave sensor , Alwen Zhaga PIR Sensor , Alwen Zhaga truSmart PIR sensor



General Data

Mounting options	Suspension
Install Options	Loop Hanging Ceiling Mounted
Electrical Connector Type	Flying Lead 1.5m
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)	13725
Luminaire Efficacy @4000K (lm/W)	135
LOR %	100
Colour Selectable	No
Beam Angle°	90
Photobiological Risk Group	RG1

Light Source Data

Energy Class	C
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	>70

Electrical Data

Wattage (W)	50 70 100
Total Power Consumption (W)	100
Mains voltage (V)	120 - 240
Lamp power factor	≥0.95
Electrical protection	Class I
Driver Output (V)	180-260Vdc
Driver Output Current (mA)	300 400 500
Control Gear Type CC or CV	Constant Current
SVM	0.01
LED Flicker Rate	0.91
Driver Brand	Lifud
Nominal Frequency (Hz)	50/60

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Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	>60,000
Lifespan L80 B20 @25°C (Hrs)	>60,000
Lifespan L90 B10 @25°C (Hrs)	50,000

Emergency Data

Emergency Output	649
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Physical Data

Housing colour	Black RAL9017
Body material	Aluminium Alloy
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Nominal Product Length (mm)	248
Nominal Product Width (mm)	248
Nominal Product Height (mm)	163
Weight (kg)	1.5

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

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