

431180-120

Technical Specification

Industrial

Meadley High Bay 115W/155W/200W 5000K Black IP65 120D



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 H05RN-F 3 x 1mm² x 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)	17825 24025 31000
Luminaire Efficacy @5000K (lm/W)	155
LOR %	100
Colour Selectable	No
Beam Angle°	120
Photobiological Risk Group	RG1

Light Source Data

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

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Electrical Data

Wattage (W)	115 155 200
Total power consumption (W)	114.4 154.4 195.8
Mains voltage (V)	120 - 240
Lamp power factor	≥0.95
Electrical protection	Class I
Driver Output (V)	120-240VDC
Driver Output Current (mA)	500 670 830
Control Gear Type CC or CV	Constant Current
SVM	0
LED Flicker Rate	0.29
Driver Brand	Lifud
Nominal Frequency (Hz)	50 60
Surge Protection (kV)	6kV line-line, 6kV line-earth

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	>60000
Lifespan L80 B20 @25°C (Hrs)	>60000
Lifespan L90 B10 @25°C (Hrs)	50,000

Emergency Data

Emergency Output	650
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Physical Data

Housing Colour	Black RAL9017
Body Material	Aluminium Alloy- Powder Coating
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Diffuser Finish	Polycarbonate Optic Lens
Nominal Product Length (mm)	300
Nominal Product Width (mm)	300
Nominal Product Height (mm)	174
Weight (kg)	2.3

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

