

## Industrial

### Meadley High Bay 85W/115W/150W 5000K Black IP65 120D



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



### General Data

<b>Mounting options</b>	Suspension
<b>Install Options</b>	Loop Hanging   Ceiling Mounted
<b>Electrical Connector Type</b>	Flying Lead 1.5m
<b>Input Electrical Connection</b>	Live   Neutral   Earth
<b>General Application</b>	Industrial
<b>Operating Temperature Range °C</b>	-30 - +50
<b>Warranty (Years)</b>	5

431179-120

Technical Specification

## Optical Data

<b>LED Manufacturer / Type</b>	BMTC SMD 2835
<b>Fixture Luminous Flux (Lm)</b>	20150
<b>Luminaire Efficacy @4000K (lm/W)</b>	136
<b>LOR %</b>	100
<b>Colour Selectable</b>	No
<b>Beam Angle°</b>	120
<b>Photobiological Risk Group</b>	RG1

## Light Source Data

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

## Electrical Data

<b>Wattage (W)</b>	85   115   150
<b>Total Power Consumption (W)</b>	148.0
<b>Mains voltage (V)</b>	120 - 240
<b>Lamp power factor</b>	≥0.95
<b>Electrical protection</b>	Class I
<b>Driver Output (V)</b>	180-260Vdc
<b>Driver Output Current (mA)</b>	370   500   620
<b>Control Gear Type CC or CV</b>	Constant Current
<b>SVM</b>	0.01
<b>LED Flicker Rate</b>	0.91
<b>Driver Brand</b>	Lifud
<b>Nominal Frequency (Hz)</b>	50/60

## 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)	266
Nominal Product Width (mm)	266
Nominal Product Height (mm)	170
Weight (kg)	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

