

# Technical Specification

**Category:** Meadley

**Part Number:** 431178-90

**Description:** Meadley High Bay 50W/70W/100W 5000K IP65 Black  
Plug & Play 90D



## Product Features:

- Wattage Selectable
- Supplied with 1.5M prewired H05RN-F cable
- 90° or 120° optic options
- Plug & Play Enabled – Sensors and Emergency



## General information:

Wattage (W)	50 / 70 / 100
Lumens (lm)	7,750 / 10,850 / 15,500
Efficacy (lm/W)	155
Colour Temperature (K)	5000
IP Rating	65
IK Rating	8
Class Rating	1
Energy Rating	C
Flicker	Flicker Free
Dimmable	truSmart
L70 Hours	60000
Paint Finish (RAL)	9017

## Technical information:

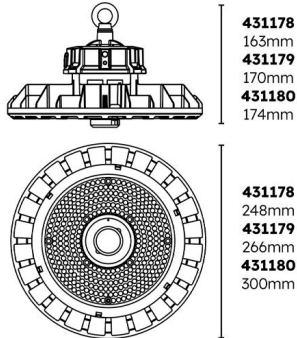
Application Location	Internal
Emergency Output (lm)	650
Beam Angle	90
Optics	Symmetric
CRI	80
Input Type	100-240V AC
Driver Type	CC
Operating Temperature From	-30
Operating Temperature To	50
Product Warranty (Years)	5
Driver Brand	Lifud
Socket	Zhaga
Frequency (Hz)	50   60
Diffuser Material	Polycarbonate
Install Options	BESA/Conduit
Install Type	1.5m H05RN-F
Replaceable Driver	Professional
Replaceable LED	Professional
Body Material	Aluminium
Maintained	Maintained/Non-Maintained
Sensor Technology	Microwave

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## Compatible Products:



401754

Alwen PIR Highbay Remote



430569

Alwen Plug & Play 12V Microwave Sensor 12M Black (Zhaga)



430568

Alwen Plug & Play 12V PIR Sensor Black (Zhaga)



431206

Alwen Zhaga Plug & Play PIR Sensor 16M



430965

Grafham 4W E-SEL3 High Bay Emergency Conversion Pack  
20-55V DC 100mA LifePO4  
6.4V DC 3.6Ah Plug & Play



431430

Grafham 5W E-SEL3 High Bay Emergency Conversion Pack  
20-30V DC 250mA LifePO4  
6.4V DC 4.5Ah Plug & Play



430519

Meadley High Bay Bracket Fixed



431173

Universal High Bay Rotatable Bracket

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430625

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truSmart Crown Zhaga Plug &  
Play 12V PIR Sensor Black