ROUND HIGH BAY

Meadley

Meadley High Bay - Black Plug & Play 90D

Product code **431178-90**



Power	**50W / 70W / 100W**
Luminous flux	**7,750 / 10,850 / 15,500 lm**
Efficacy	**155 lm/W**
Colour temperature	**5000K**
Beam angle	**90°**
Protection	**IP65 · IK08**
Lifetime L70	**60,000 h**
Warranty	**5 years**

Introduction

The original selectable range with three power settings per fitting.

Recommended applications

Warehousing, distribution centres, manufacturing, sports halls

Specification

Optical

Luminous flux	**7,750 / 10,850 / 15,500 lm**
Efficacy	**155 lm/W**
Colour temperature	**5000K**
Colour rendering	**Ra 80**
Beam angle	**90°**
Distribution	**Symmetric**
Flicker	**Flicker Free**

Electrical

Power	**50W / 70W / 100W**
Supply voltage	**100-240V AC**
Frequency	**50 Hz / 60 Hz**
Driver type	**CC**
Driver	**Lifud**
Dimming	**truSmart**

Lifetime and warranty

Lifetime L70	**60,000 h**
Energy class	**C**
Warranty	**5 years**
Replaceable driver	**Professional**
Replaceable light source	**Professional**

Construction

Ingress protection	**IP65**
Impact resistance	**IK08**
Electrical class	**Class I**
Body	**Aluminium**
Diffuser	**Polycarbonate**
Colour (RAL)	**RAL 9017**
Location	**Internal**
Socket	**Zhaga**
Dimensions (L x W x H)	**248 x 248 x 163 mm**

Installation

Mounting	**BESA/Conduit**
Connection	**1.5m H05RN-F**
Ambient temperature	**-30 to +50 °C**

Values are nominal. Luminous flux and efficacy are for the complete luminaire. Specifications may change without notice; the product page always carries the latest version.

Ordering information · Meadley

CODE	DESCRIPTION	POWER	LUMINOUS FLUX	EFFICACY	CCT	BEAM
431178-120	Meadley High Bay - Black Plug & Play 120D	50W / 70W / 100W	7,750 / 10,850 / 15,500	155 lm/W	5000K	120°
431178-90	**Meadley High Bay - Black Plug & Play 90D**	**50W / 70W / 100W**	**7,750 / 10,850 / 15,500**	**155 lm/W**	**5000K**	**90°**
431179-120	Meadley High Bay - Black Plug & Play 120D	85W / 115W / 150W	13,175 / 17,825 / 23,250	155 lm/W	5000K	120°
431179-90	Meadley High Bay - Black Plug & Play 90D	85W / 115W / 150W	13,175 / 17,825 / 23,250	155 lm/W	5000K	90°

Compatible modules and accessories

	CODE	DESCRIPTION
	401754	Alwen PIR Highbay Remote
	430569	Alwen Plug & Play 12V Microwave Sensor 12M Black (Zhaga)
	430568	Alwen Plug & Play 12V PIR Sensor 12M 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
	430625	truSmart Crown Zhaga Plug & Play 12V PIR Sensor Black

DOWNLOADS

Photometric files (LDT), installation instructions and the latest datasheet are on the product page:

www.lumineux.co.uk/shop/431178-90-meadley-high-bay-50w-70w-100w-5000k-ip65-black-plug-play-90d-55452

WARRANTY AND SUPPORT

5 years warranty. Terms at www.lumineux.co.uk/product-warranty-on-site-warranty.

Free lighting design and technical support: 01507 328031, support@lumineux.co.uk