ROUND HIGH BAY

Meadley Plus

Meadley Plus All-in-one High Bay Black Plug & Play 90/120D

Product code **431325**

Power	**120W / 160W / 200W**
Luminous flux	**20,400 / 27,200 / 34,000 lm**
Efficacy	**170 lm/W**
Colour temperature	**4000K / 5000K / 6000K**
Beam angle	**90° / 120°**
Protection	**IP65 · IK08**
Lifetime L70	**100,000 h**
Warranty	**5 years**



Introduction

Set the wattage. Choose the colour. Adjust the beam. An adaptable high bay for warehouses and industrial spaces.

Features

- 3x Wattage Selectable via dip switch
- 3CCT Selectable via dip switch – 4000K, 5000K, 6000K
- Beam angle selectable via dip switch 90º or 120º optic options
- Supplied with 1M prewired HO5RN-F cable
- Plug & Play Enabled – Sensors and Emergency
- Sosen LED driver
- IP65 & IK08 Rated
- 5 Year Product Warranty

Certification and options



Recommended applications

Warehousing, distribution centres, manufacturing, sports halls









Specification

Optical

Luminous flux	**20,400 / 27,200 / 34,000 lm**
Efficacy	**170 lm/W**
Colour temperature	**4000K / 5000K / 6000K**
Colour selection	**3CCT**
Colour rendering	**Ra 70**
Colour consistency	**5 SDCM**
Beam angle	**90° / 120°**
Distribution	**Symmetric**

Electrical

Power	**120W / 160W / 200W**
Supply voltage	**100-240V AC**
Frequency	**50 Hz / 60 Hz**
Driver type	**CC**
Driver	**Sosen**
Dimming	**0-10V / truSmart**

Lifetime and warranty

Lifetime L70	**100,000 h**
Lifetime L80	**80,000 h**
Lifetime L90	**50,000 h**
Energy class	**B**
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)	**310 x 310 x 168 mm**
Weight	**2.2 kg**

Installation

Mounting	**BESA/Conduit**
Connection	**1m H05RN-F 1.0mm2**
Ambient temperature	**-40 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.

Plug & Play options

Emergency option · from 430965, 431430

Emergency pack	**430965** Grafham 4W E-SEL3 High Bay	**431430** Grafham 5W E-SEL3 High Bay
Emergency power	**4 W**	**–**
Duration	**3 hours**	**3 hours**
Mode	**Maintained/Non-Maintained**	**Maintained/Non-Maintained**
Battery	**6.4V 3.6Ah LiFePO4**	**–**
Recharge time	**24 hours**	**24 hours**
Pack protection	**IP65**	**–**
Pack size	**276 x 110 x 56 mm**	
Emergency output	**approx. 680 lm**	

Plug & Play option: fitted on site, ordered separately.

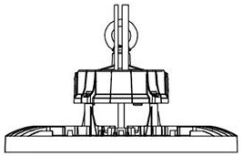
Emergency output is calculated from the pack's emergency power and the luminaire's efficacy.

Sensor option · from 430569, 430568, 431206, 430625

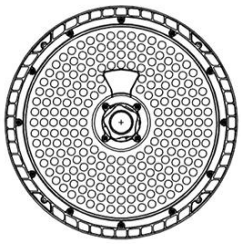
CODE	DESCRIPTION	TECHNOLOGY	SWITCHING	DETECTION RADIUS	HOLD TIME	MAX. MOUNTING HEIGHT	GROUPING	STANDBY POWER	CONTROL
430569	Alwen Microwave Sensor 12M	Microwave	On-Off	1 - 8 m	10 sec - 60 min	12 m	–	–	Remote
430568	Alwen PIR Sensor 12M	PIR	On-Off	1 - 8 m	10 sec - 60 min	12 m	–	–	App Based
431206	Alwen PIR Sensor 16M	PIR	Step-Dim	1- 9 m	10 sec - 60 min	16 m	–	0.5 W	Remote
430625	truSmart Crown PIR Sensor	PIR	On-Off	–	5 sec - ∞	12 m	Grouping	–	App Based

Plug & Play option: fitted on site, ordered separately.

Dimensions



431323 & 431324: 163mm
431325: 155mm
431326: 173mm



431323 & 431324: 285mm
431325: 310mm
431326: 330mm

Ordering information · Meadley Plus

CODE	DESCRIPTION	POWER	LUMINOUS FLUX	EFFICACY	CCT	BEAM
431323	Meadley Plus All-in-one High Bay Black Plug & Play 90/120D	60W / 80W / 100W	10,200 / 13,600 / 17,000	170 lm/W	4000K / 5000K / 6000K	90° / 120°
431324	Meadley Plus All-in-one High Bay Black Plug & Play 90/120D	90W / 120W / 150W	15,300 / 20,400 / 25,500	170 lm/W	4000K / 5000K / 6000K	90° / 120°
431325	**Meadley Plus All-in-one High Bay Black Plug & Play 90/120D**	**120W / 160W / 200W**	**20,400 / 27,200 / 34,000**	**170 lm/W**	**4000K / 5000K / 6000K**	**90° / 120°**
431326	Meadley Plus All-in-one High Bay Black Plug & Play 90/120D	145W / 190W / 240W	24,650 / 32,300 / 40,800	170 lm/W	4000K / 5000K / 6000K	90° / 120°

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
	421491	Highbay Aluminium Reflector 90D Medium
	421494	Highbay Polycarbonate Reflector 90D Medium
	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/431325-meadley-plus-high-bay-120w-160w-200w-3cct-ip65-black-plug-play-90d-120d-60800

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