ROUND HIGH BAY

# Meadley

Meadley High Bay - Black Plug & Play 90D

Product code **431179-90**



| | |
|---|---|
| Power | **85W / 115W / 150W** |
| Luminous flux | **13,175 / 17,825 / 23,250 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 | **13,175 / 17,825 / 23,250 lm** |
| Efficacy | **155 lm/W** |
| Colour temperature | **5000K** |
| Colour rendering | **Ra 80** |
| Beam angle | **90°** |
| Distribution | **Symmetric** |
| Flicker | **Flicker Free** |

## Electrical

| | |
|---|---|
| Power | **85W / 115W / 150W** |
| 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) | **266 x 266 x 170 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/431179-90-meadley-high-bay-85w-115w-150w-5000k-ip65-black-plug-play-90d-55073**

### 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