ROUND HIGH BAY

Foremark High Bay

Foremark High Bay 6x Wattage Selectable IP66 Black Plug & Play 90D

Product code **421435-90**

Power	**80W / 100W / 120W / 160W / 180W / 200W**
Luminous flux	**16,000 / 20,000 / 24,000 / 32,000 / 36,000 / 40,000 lm**
Efficacy	**200 lm/W**
Colour temperature	**5000K**
Beam angle	**90°**
Protection	**IP66 · IK10**
Lifetime L70	**100,000 h**
Warranty	**5 years**



A72 · A-rated · 7 year warranty · 2 years on site

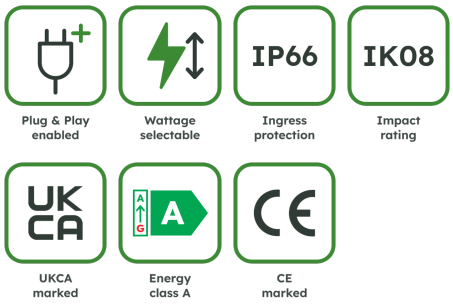
Introduction

High-efficiency, wattage selectable lighting with IP66 protection.

Features

- 6x Wattage Selectable via dip switch
- Supplied with 1M prewired HO5RN-F cable
- Plug & Play Enabled – Sensors and Emergency
- Sosen LED Driver
- IP66 & IK08 Rated
- 5 Year Product Warranty

Certification and options



Recommended applications

Warehousing, distribution centres, manufacturing, sports halls







Specification

Optical

Luminous flux	**16,000 / 20,000 / 24,000 / 32,000 / 36,000 / 40,000 lm**
Efficacy	**200 lm/W**
Colour temperature	**5000K**
Colour rendering	**Ra 80**
Colour consistency	**5 SDCM**
Beam angle	**90°**
Distribution	**Symmetric**
Glare (UGR)	**<25**

Electrical

Power	**80W / 100W / 120W / 160W / 180W / 200W**
Supply voltage	**220-240V AC**
Frequency	**50 Hz / 60 Hz**
Driver type	**CC**
Driver	**Sosen**

Lifetime and warranty

Lifetime L70	**100,000 h**
Lifetime L80	**80,000 h**
Lifetime L90	**50,000 h**
Energy class	**A**
Warranty	**5 years**
Replaceable driver	**Professional**
Replaceable light source	**Professional**

Construction

Ingress protection	**IP66**
Impact resistance	**IK10**
Electrical class	**Class I**
Body	**Aluminium**
Diffuser	**Polycarbonate**
Colour (RAL)	**RAL 9017**
Location	**Internal**
Socket	**Zhaga**
Dimensions (L x W x H)	**330 x 330 x 84 mm**
Weight	**2.6 kg**

Installation

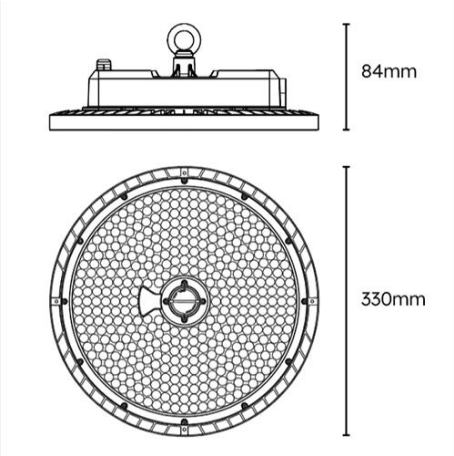
Mounting	**BESA/Conduit**
Connection	**1.0m HO5RN-F**
Ambient temperature	**-30 to +50 °C**

Compliance

CE marked	**Yes**
UKCA marked	**Yes**

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.

Dimensions



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
	430625	truSmart Crown Zhaga Plug & Play 12V PIR Sensor Black
	421492	Highbay Aluminium Reflector 90D Large
	421495	Highbay Polycarbonate Reflector 90D Large
	431173	Universal High Bay Rotatable Bracket

DOWNLOADS

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

www.lumineux.co.uk/shop/421435-90-foremark-high-bay-80w-100w-120w-160w-180w-200w-5000k-ip66-black-plug-play-90d-60969

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