ROUND HIGH BAY

Bosley

Bosley High Bay 100W 5000K IP65 Black 90D Plug & Play

Product code **421500-90**

Power	**100W**
Luminous flux	**15,000 lm**
Efficacy	**150 lm/W**
Colour temperature	**5000K**
Beam angle	**90°**
Protection	**IP65 · IK10**
Lifetime L70	**60,000 h**
Warranty	**5 years**



Introduction

A tough industrial fitting with Plug & Play emergency compatibility.

Features

- Supplied with 1M prewired HO5RN-F cable
- Sosen LED driver
- IP65 & IK10 Rated
- Plug & Play Enabled – Emergency Only
- 5 Year Product Warranty

Certification and options



Recommended applications

Warehousing, distribution centres, manufacturing, sports halls







Specification

Optical

Luminous flux	**15,000 lm**
Efficacy	**150 lm/W**
Colour temperature	**5000K**
Colour rendering	**Ra 70**
Colour consistency	**5 SDCM**
Beam angle	**90°**
Distribution	**Symmetric**
Efficacy at 5000K	**150 lm/W**

Electrical

Power	**100W**
Supply voltage	**220-240V AC**
Frequency	**50 Hz / 60 Hz**
Driver type	**CC**
Driver	**Sosen**
Power factor	**0.95**
Current	**550 mA**
Surge protection	**6 L-N | 6 L / N-G kV**

Lifetime and warranty

Lifetime L70	**60,000 h**
Lifetime L80	**50,000 h**
Lifetime L90	**36,000 h**
Energy class	**C**
Warranty	**5 years**
Replaceable driver	**Professional**
Replaceable light source	**Professional**

Construction

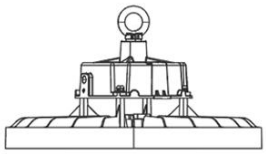
Ingress protection	**IP65**
Impact resistance	**IK10**
Electrical class	**Class I**
Body	**Aluminium**
Diffuser	**Polycarbonate**
Colour (RAL)	**RAL 9017**
Location	**Internal**
Dimensions (L x W x H)	**250 x 250 x 145 mm**
Weight	**1.7 kg**

Installation

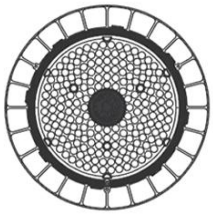
Mounting	**Surface**
Connection	**1m H05RN-F 1.0mm2**
Ambient temperature	**-20 to +40 °C**
Operating Temperature From	**-20**
Operating Temperature To	**40**

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.

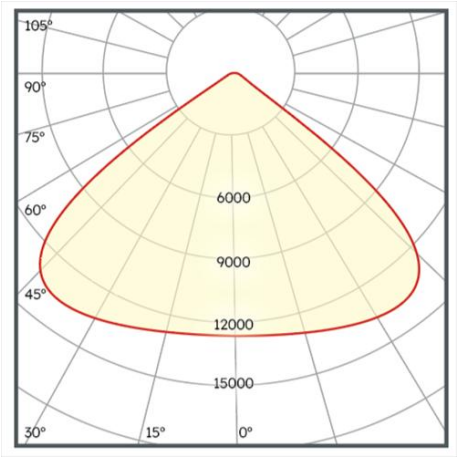
Dimensions



421500-110
145mm
421501-110
145mm
421502-110
115mm



421500-110
250mm
421501-110
250mm
421502-110
280mm



Ordering information · Bosley

CODE	DESCRIPTION	POWER	LUMINOUS FLUX	EFFICACY	CCT	BEAM
421500-110	Bosley High Bay 100W 5000K IP65 Black 110D Plug & Play	100W	15,000	150 lm/W	5000K	110°
421500-90	**Bosley High Bay 100W 5000K IP65 Black 90D Plug & Play**	**100W**	**15,000**	**150 lm/W**	**5000K**	**90°**
421501-110	Bosley High Bay 150W 5000K IP65 Black 110D Plug & Play	150W	22,500	150 lm/W	5000K	110°
421501-90	Bosley High Bay 150W 5000K IP65 Black 90D Plug & Play	150W	22,500	150 lm/W	5000K	90°
421502-110	Bosley High Bay 200W 5000K IP65 Black 110D Plug & Play	200W	30,000	150 lm/W	5000K	110°
421502-90	Bosley High Bay 200W 5000K IP65 Black 90D Plug & Play	200W	30,000	150 lm/W	5000K	90°

DOWNLOADS

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

www.lumineux.co.uk/shop/421500-90-bosley-high-bay-100w-5000k-ip65-black-90d-61517

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