



Navara

HBX

Data Sheet

Product Information

The Navara HBX IP65 Highbays are suitable for a multitude of Industrial and commercial applications.

Complemented by the optional Remote Programmable Microwave sensor this product provides an effective energy saving solution with high efficiency LED technology.

They come complete with a 5 year warranty for your peace of mind.

Product Features

- 5 year warranty
- Class I
- IP65/IK10
- 4000K LED
- High efficiency CREE LED Chip technology up to 132 lumens per watt
- CRI: >Ra84
- 0-10v Dimmable as standard – can also be used as a normal fitting
- Optional 0-10V remote programmable plug in Microwave sensor
- 94° Beam Angle
- 3 sizes and outputs to choose from
- Supplied with Eye hook suitable for jack chain/carabiner clip
- Optional surface mount Bracket
- L70 – 46,000hrs

Product Specification

Product Code	Product Description	Wattage (W)	CCT (K)	Lumens (lm)	CRI (Ra)	Energy Efficiency Class	Protection Class
KSR98200	Navara HBX 100w IP65 LED High Bay Black	100	4000	12910	>84	D	I
KSR98201	Navara HBX 150w IP65 LED High Bay Black	150	4000	19630	>84	D	I
KSR98202	Navara HBX 200w IP65 LED High Bay Black	200	4000	26555	>83	D	I
Mounting Accessories							
KSR98208	Navara HBX 100W Surface Mounting Bracket						
KSR98209	Navara HBX 150W Surface Mounting Bracket						
KSR98210	Navara HBX 200W Surface Mounting Bracket						

Control Accessories

Product Code	Product Description	Operating Voltage	Detection Range	Recommended Mounting Heights	Time Delay	Lux Settings	Protection Class
KSR98203	Navara HBX Microwave Sensor	12VDC	4-10m (radius), Programmable	4-15m	2sec-10min	<2-50lux	III
KSR98204	Navara HBX Remote control programmer						
KSR98207	Navara HBX DALI Converter						

Emergency Options

Product Code	Product Description
KSR98205	Navara HBX Maintained Emergency Pack
KSR98206	Navara HBX Self-Test Emergency Pack

Technical Information

Technical Data	Navara HB 100W	Navara HB 150W	Navara HB 200W
Nominal voltage	200~240VAC	200~240VAC	200~240VAC
Operating frequency	50-60Hz	50-60Hz	50-60Hz
Circuit Wattage	95.6w including Driver Losses	146w including driver	197.3w including driver
Circuit Current	0.457 A	0.648 A	0.810 A
Driver Current Rating	TBC	TBC	TBC
PFC	0.97	0.98	0.98
In Rush Current	16A Max peak @ 0-40ms	16A Max Peak @ 0-40ms	16A Max Peak @ 0-40ms
Start Time	< 0.5 Sec	< 0.5 Sec	< 0.5 Sec
Ambient temperature range	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
IP rating	65	65	65

Construction

Body: Die Cast Aluminium
Lens: Polycarbonate

Standards

BSEN60598-1:2021

BSEN60598-2-22:2014+A1 2020

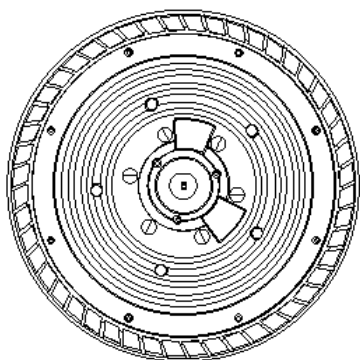
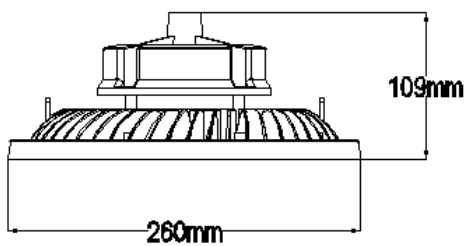
Luminaires – Part 1: General requirements and tests

Luminaires – Part 2: Luminaires for Emergency Lighting

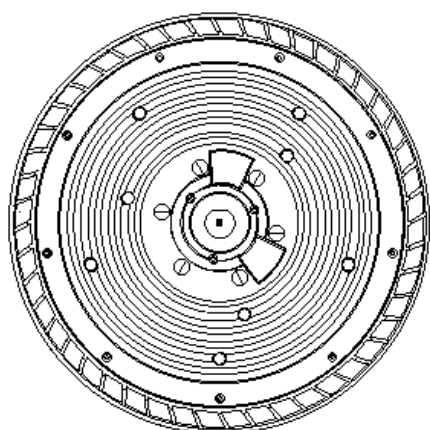
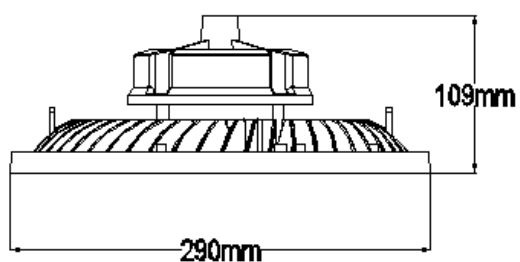
In Conformity with

LVD Low voltage directive 2014/35/EU
EMC Electromagnetic compatibility directive 2014/30/EU
ERP Energy related products directive 2019/2020/EU
RoHS Restriction of hazardous substances 2015/863/EU

Product Dimensions

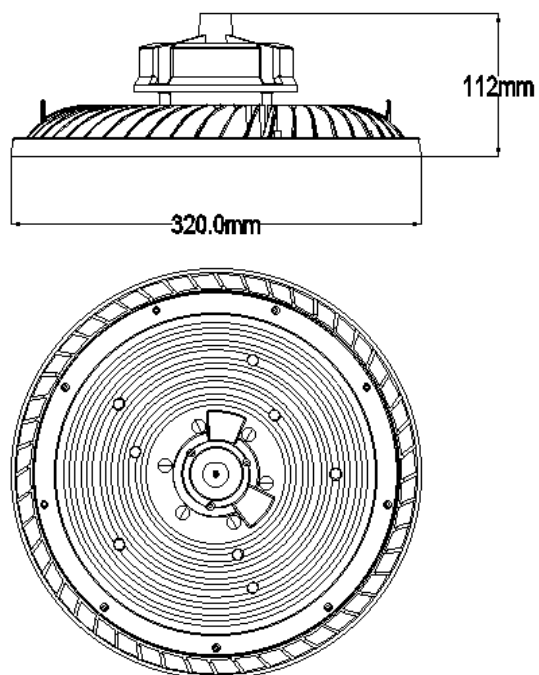


KSR98200

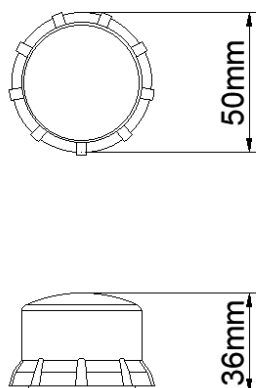


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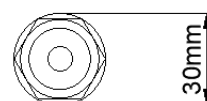
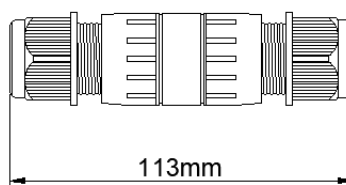
Product Dimensions continued



KSR98202

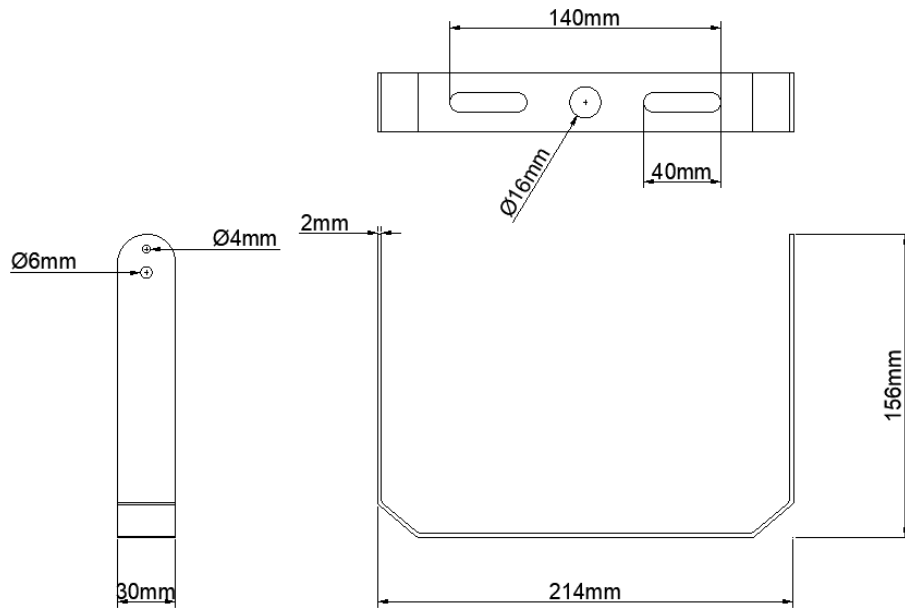


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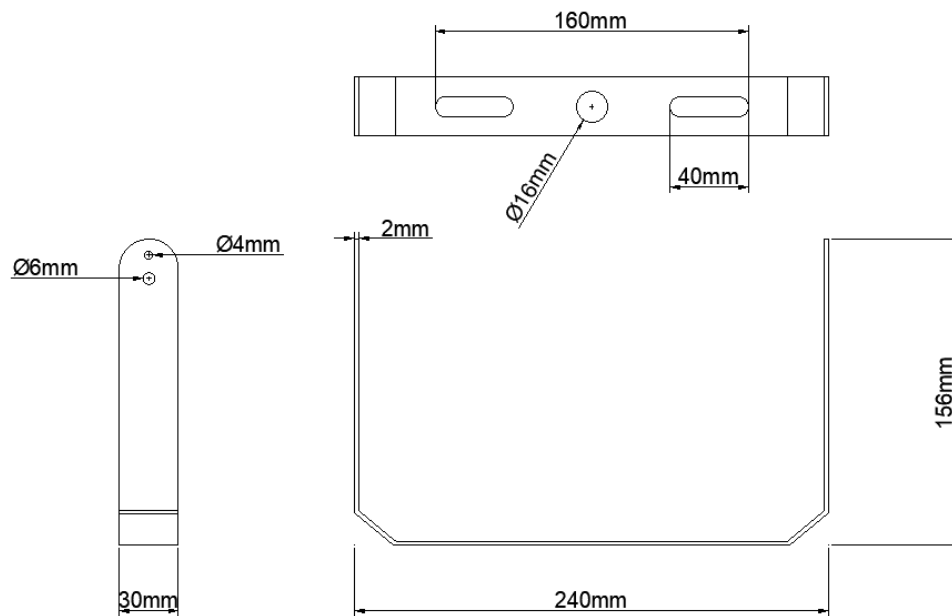


KSR98207

Product Accessory Dimensions

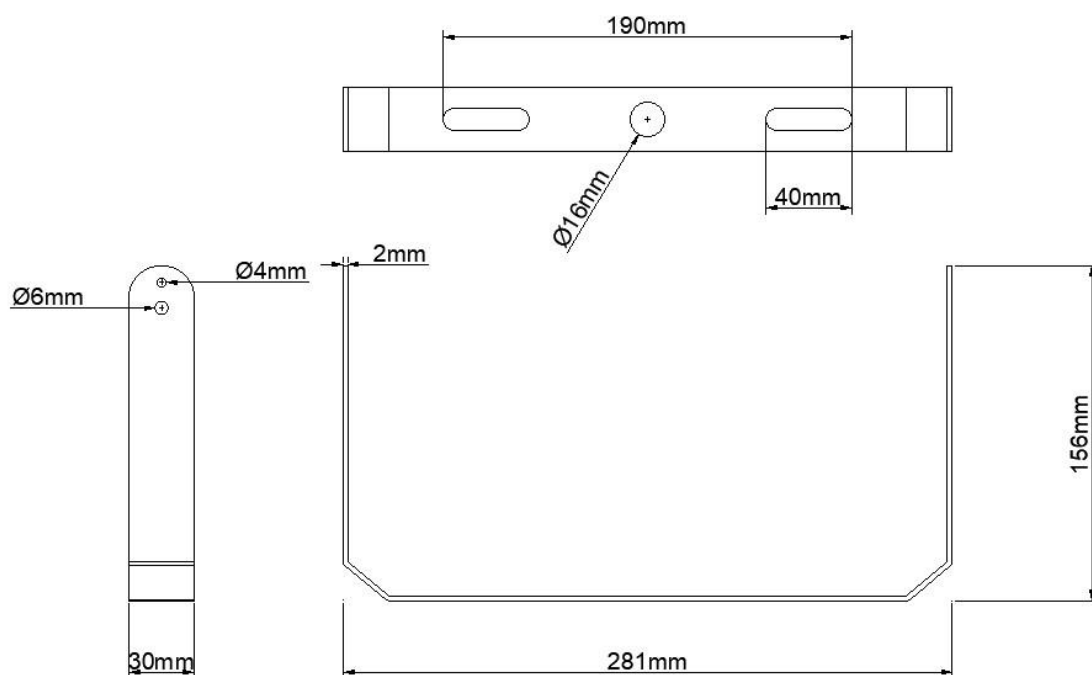


KSR98208



KSR98209

Product Accessory Dimensions



KSR98210

KSR Lighting is constantly developing and improving its products. For this reason, all product descriptions in this data sheet are intended as a general guide, and KSR may change specifications from time to time in the interest of product development, without prior notification or public announcement. All descriptions in this data sheet present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, KSR Lighting cannot accept any liability arising from the reliance on such data to the extent permitted.