



# Navara

# LBX



Data Sheet

## Product Information

The Navara LBX IP65 Linear LED Low bays are suitable for a multitude of Industrial and commercial applications. Complemented by the optional 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 130 lumens per watt
- Up to CRI: Ra84
- 1-10v Dimmable as standard – can also be used as a normal fitting
- 118° Beam Angle
- 3 sizes and outputs to choose from
- Supplied with Mounting brackets suitable for jack chain/carabiner clip
- L70 – 40,000hrs

## Product Specification

Product Code	Product Description	Wattage (W)	CCT (K)	Lumens (lm)	CRI (Ra)	Energy Efficiency Class	Protection Class
KSR98220	Navara LBX 100w IP65 LED Linear Low Bay	100	4000	12655	>84	D	I
KSR98221	Navara LBX 150w IP65 LED Linear Low Bay	150	4000	19030	>84	D	I
KSR98222	Navara LBX 200w IP65 LED Linear Low Bay	200	4000	25625	>83	D	I

## Control Accessories

Product Code	Product Description	Max load Rating	Detection Range	Recommended Mounting Heights	Time Delay	Lux Settings	Protection Class
KSR98225	Navara LBX Microwave Sensor Kit	800w	4-10m (radius), adjustable	4-15m	5sec-60min (dipswitch set)	<2-2000lux (dipswitch set)	II

## Emergency Options

Product Code	Product Description
KSR98223	Navara LBX Maintained Emergency Pack
KSR98224	Navara LBX 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	97.2w including Driver Losses	147.1w including driver	198.1w including driver
Circuit Current	0.894 A	0.894 A	0.887 A
Driver Current Rating	TBC	TBC	TBC
PFC	0.98	0.98	0.99
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

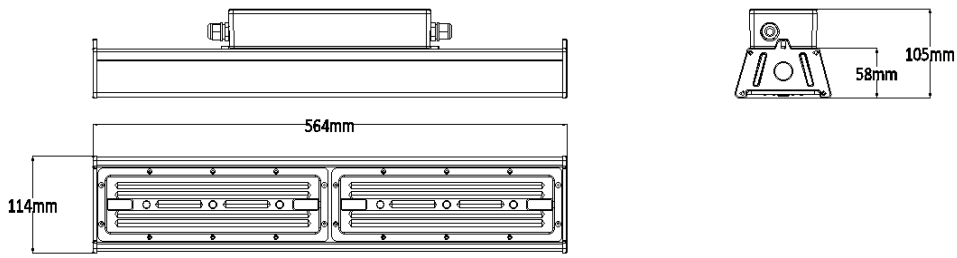
Luminaires – Part 1: General requirements and tests

Luminaires – Part 2: Luminaires for Emergency Lighting

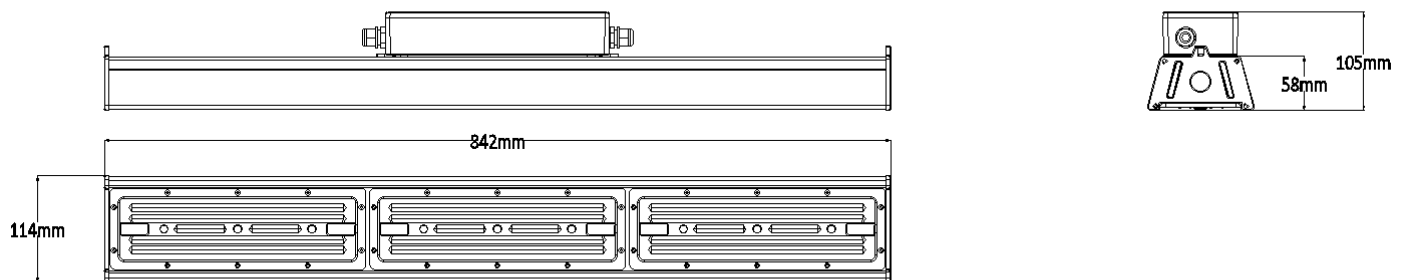
## In Conformity with

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

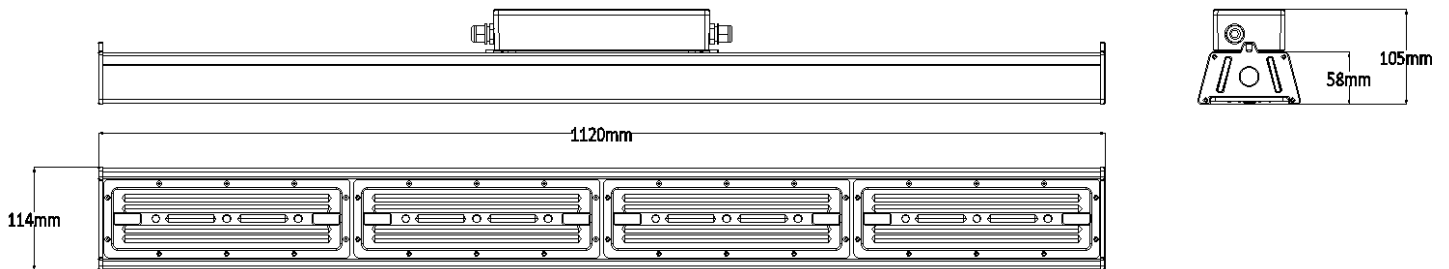
# Product Dimensions



**KSR98220**

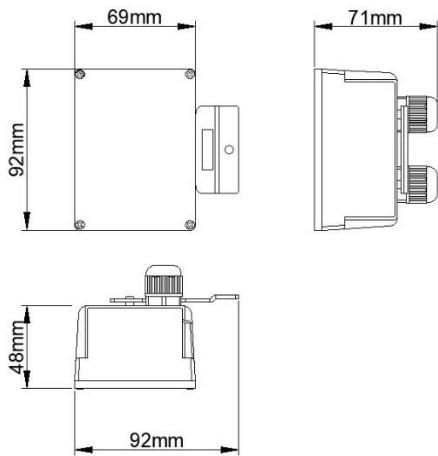


**KSR98221**



**KSR98222**

## Product Dimensions Continued



**KSR98225**

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