

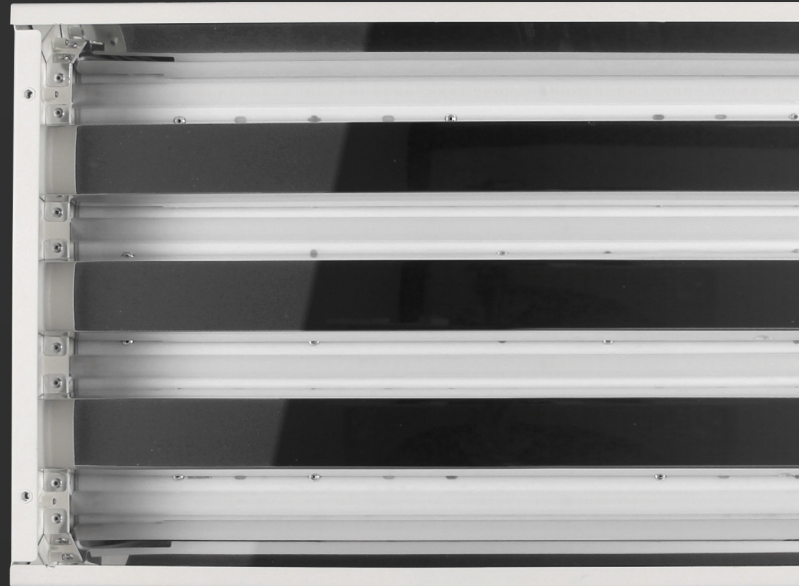
LED:

LOWBAY HIGHBAY

LED Solution for Industrial Lighting

Kosnic 

- Save energy by 50% against traditional fitting
- Option of daylight and occupancy sensor for further energy saving
- No maintenance required
- Easy Installation



100W
1100lm

LowBay
6500K
CRI: > 80
Life: 40000h

150W
15000lm

LowBay/HighBay
6500K
CRI: > 80
Life: 40000h

200W
21000lm

HighBay
6500K
CRI: > 80
Life: 40000h

5 Years
Extended Warranty



RELUX[®]
official member

Design | Higher Performance

Aluminium Back plate

It is built from 3mm high purity aluminium sheet for fast dissipation *

The heat conductivity of Pressed Aluminium sheet is 70% higher than die-cast aluminium

High Efficiency LED Driver

Uses latest LED Driver technology achieving ultra high efficiency over 93%

Polycarbonate Extrusion

High transmittance of 90% , providing protection and light diffusing

PIR & Day-light Sensor

Advanced programmable presence detector from **CP electronics**

Premium **SAMSUNG** LED chip

Uses high performance Samsung LED Chips of 150lm/W

Aluminium mirror reflector

It is made from aluminium mirror reflector sheet with reflectivity >85%

Polycarbonate diffuser

This PC diffuser has high transmittance rate of 90%

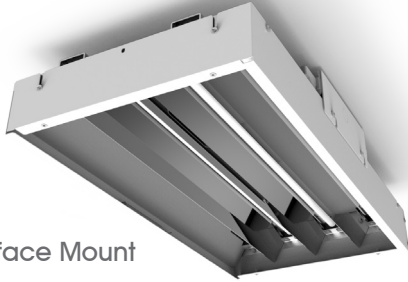
6500K | Improves well-being and safety in industrial environment

Researches have shown that light with shorter wavelength (higher colour temperature) increase the mental activity level and alertness. It has also been demonstrated that higher colour temperature (6500K, Day light) in a working environment contributes to wide ranging improvements in well-being, functioning and work performance.

Design | Easier Installation

Installation Type

Surface Mount

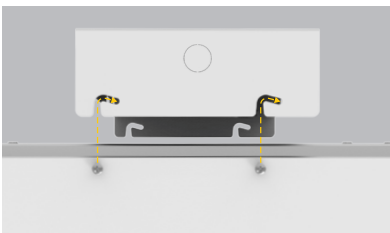


Suspended



Installation Steps

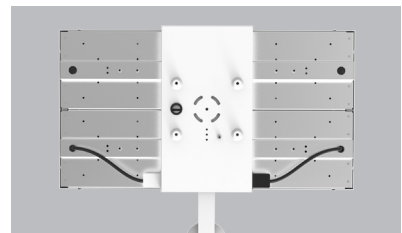
First, fix the Back Tray to a solid surface or suspending chains.



Fixes the main unit to the back tray, and fasten the screws

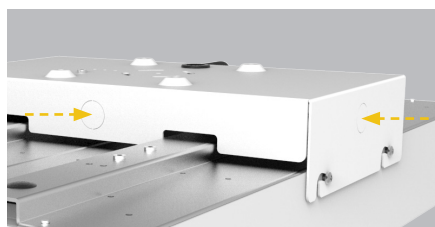
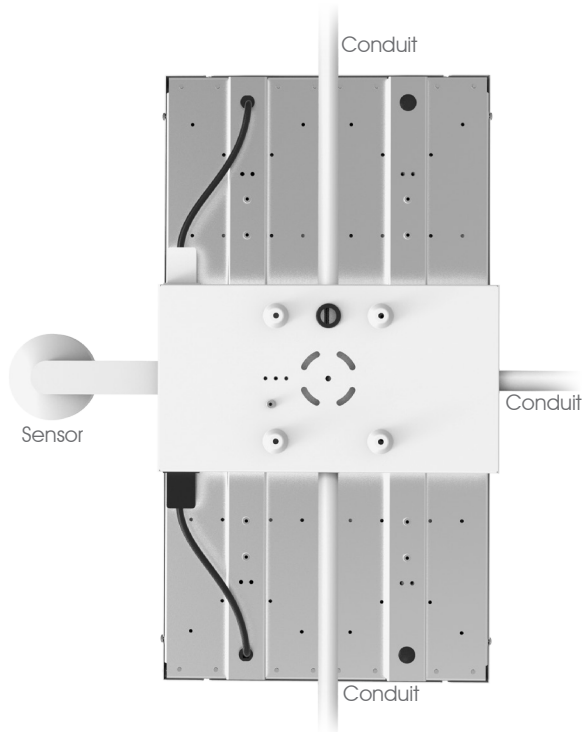


Plug in the main unit to the power socket (black) on the side of the back tray

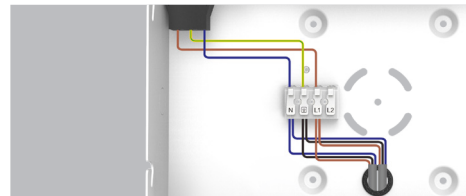


For the sensor version, a single cable with white plug is plugged into the white socket

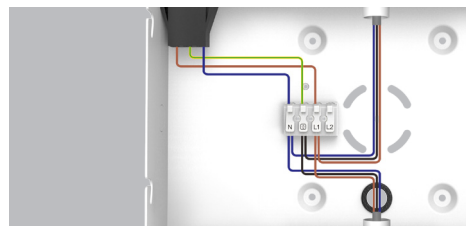
Wiring



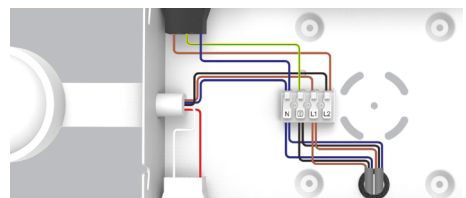
Knock out: Ø20mm



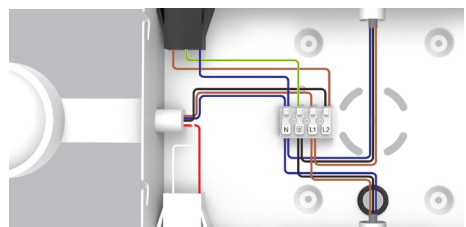
Standard version with cables fed in from the back



Standard version with cables fed in from conduit



Sensor version with cables fed in from the back

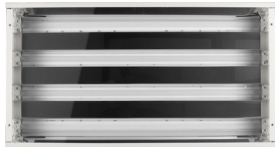


Sensor version with cables fed in from the back

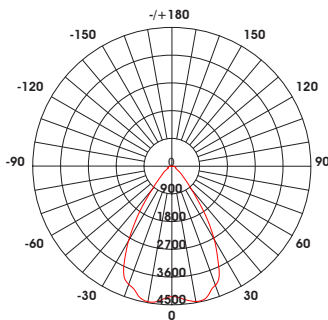
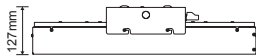
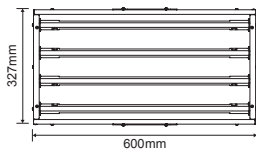
Specifications

100W

LowBay

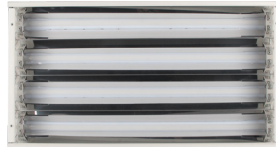


Power 100W
 Input Current 448mA
 Beam Angle 107° (Axial)
 71° (Transverse)
 Colour 6500K
 Lumen 11000lm
 Order Code KMSD100LLBF

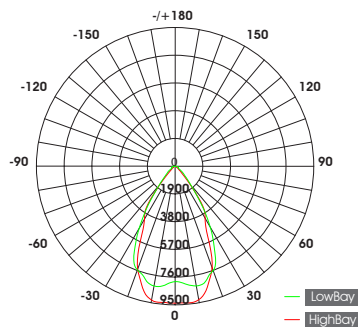
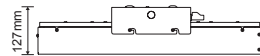
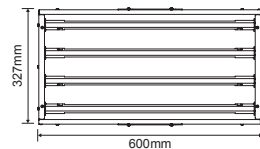


150W

LowBay/HighBay

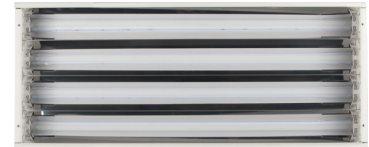


Power 150W
 Input Current 686mA
 Beam Angle 107° (Axial) LowBay
 71° (Transverse) LowBay
 106° (Axial) HighBay
 56° (Transverse) HighBay
 Colour 6500K
 Lumen 15000lm
 Order Code KMSD150LLBE LowBay
 KMSD150LHBE HighBay

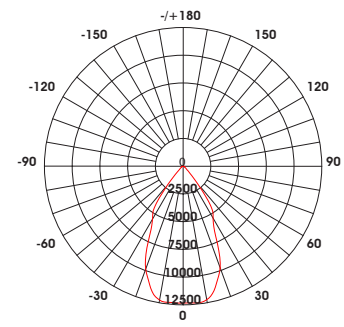
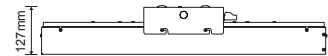
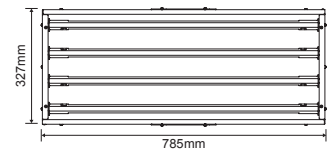


200W

HighBay



Power 200W
 Input Current 915mA
 Beam Angle 106° (Axial)
 56° (Transverse)
 Colour 6500K
 Lumen 21000lm
 Order Code KMSD200LHBE



PIR Sensor

EBDHS-MB-PRM-LT30
 On/off output Provided by CP Electronics
 EBMPIR-MB-AD-LT30
 1-10V output Provided by CP Electronics

General Specification

Voltage 220-240Vac 50-60Hz
 Power Factor 0.95
 Protection Class I, IP20

CRI >80

Housing Zinc coated sheet steel

Lumen Maintenance Factor at Nominal Lifetime 0.75

Life Time 40,000hrs

Diffuser Clear polycarbonate