

High efficiency LED high bay luminaires designed to provide uniform illumination in open spaces. Design and construction of the luminaires is characterized by its high luminous efficiency, extremely long service life. Sturdy construction makes polar high bay especially suitable for areas where a high level of robustness is required.

Product Description

- Housing made of aluminium & self supported steel frame work
- High efficiency clear polycarbonate optics
- Excellent thermal management heat sink
- Luminous flux up to 7200 lm (60W)
- Efficiency up to 120 lm/W
- Mounting bracket to facilitate proper aiming of the luminaire at desired angle during installation.
- Available in 12°, 25°, 40° & 60°
- Cable entries for through-wiring of mains supply cable.
- Luminaire supplied with fast IP67 Connectors.
- Integral constant current power supply
- CRI (Ra) : >70
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-3100-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K



Product Benefits

- High luminous efficiency at reduced wattage.
- Versatile use, Simple installation
- Varied optics
- Sustainable LED technology offers durability and optimal light output with low power consumption.

Area of Application

Heavy engineering industries, Aircraft hangers, Railway stations, Ware houses, Cold storage, Logistic hubs, Power / Steel / Thermal plants, High Ceiling areas.

Available Finish

Pure polyester powder coated Graphite grey.





Technical Specifications

General

ID	: 3099
System Wattage	: 2 x 60W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Extruded aluminium
Diffuser	: Clear polycarbonate Optical Cover
Mounting	: Bracket - Surface
Finish	: Graphite Grey

Light Source

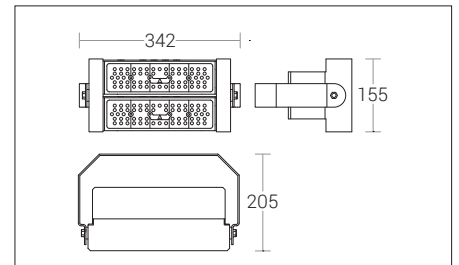
Light Source	: LUMILED
LED Lumens	: 18000 lm
CRI (Ra)	: ≥70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.98
THD	: <6.5%
Surge Protection	: 6KV
Efficiency	: >90%

Optical Performance

Colour Temperature	: 3000K
Luminous flux	: 15483 lm 60°
Beam Angle	: 12° / 25° / 40° / 60°



Photometric Data

