

Ultra 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 prime 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 polycarbonate optics
- Excellent thermal management heat sink
- Luminous flux up to 9000 lm ± 300 lm (60W)
- Efficiency up to 150 lm/W
- Mounting bracket to facilitate proper aiming of the luminaire at desired angle during installation.
- Available in 40°, 60° & 90°
- 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-3190-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 and Red.





Technical Specifications

General

ID	: 3190
System Wattage	: 4 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 & Red

Light Source

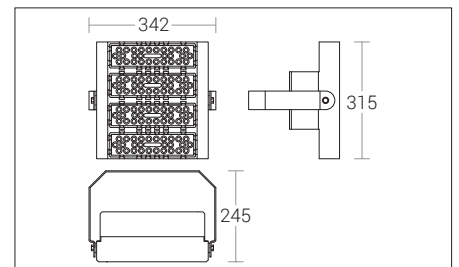
Light Source	: LUMILED
LED Lumens	: 39840 lm
CRI (Ra)	: ≥70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.97
THD	: 5.8%
Surge Protection	: 6KV
Efficiency	: >90%

Optical Performance

Colour Temperature	: 5700K
Luminous flux	: 37778 lm 60°
Beam Angle	: 40° / 60° / 90°



Photometric Data

