

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 polycarbonate optical lens
- Excellent thermal management heat sink
- Luminous flux up to 7200 lm $\pm$ 300 lm(60W)
- Efficiency up to 120 lm/W
- Stainless steel mounting bracket to facilitate proper aiming of the luminaire at desired angle during installation.
- Available in 25° / 40° / 60° optical beam angles.
- Cable entries for through-wiring of mains supply cable.
- 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-23100-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
RAL 9004 Black
RAL 7016 Anthracite grey
Graphite grey





OPEN SOURCE



Technical Specifications

General

ID	: 23100
System Wattage	: 3 x 60W
Driver Integral	: Constant Current
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Extruded aluminium
Diffuser	: Polycarbonate Optical Lens
Mounting	: Bracket - Surface
Finish	: Powder coated RAL 9004 Black RAL 7016 Anthracite grey Graphite grey

Light Source

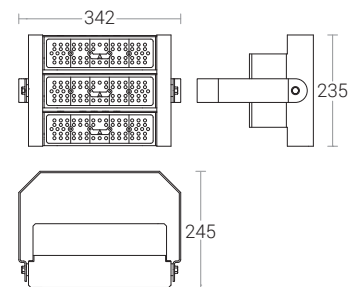
Light Source	: LUMILEDS
CRI (Ra)	: >70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Power Factor	: >0.95
THD	: <5.3%
Surge Protection	: 4KV
Efficiency	: >90%
Dimmable Option	: Analog / Dali

Optical Performance

Optical Beam Angle	: 25° / 40° / 60°
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Photometric Data

3 x 60W 5700K, OBA:40°			3 x 60W 5700K, OBA:60°		
2m	1.1m	9220 lx	2m	2.4m	2897 lx
4m	2.3m	2305 lx	4m	4.8m	724 lx
6m	3.4m	1024 lx	6m	7.3m	322 lx
8m	4.5m	576 lx	8m	9.7m	181 lx
10m	5.7m	367 lx	10m	12.1m	116 lx
Height	Diameter		Height	Diameter	

Note : It is our constant endeavor to upgrade the performance of our products. For the latest technical information, IES files and product updates please refer to the website at www.klite.in