

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-23098-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	: 23098
System Wattage	: 4 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

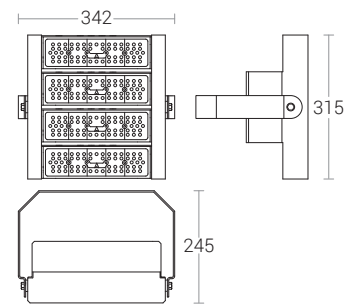
Light Source	: LUMILEDS
CRI (Ra)	: >70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Power Factor	: >0.95
THD	: <5.1%
Surge Protection	: 4KV
Efficiency	: >90%
Dimmable Option	: Analog / Dali

Optical Performance

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

4 x 60W		5700K, OBA:40°		4 x 60W		5700K, OBA:60°	
Height	Diameter	Height	Diameter	Height	Diameter	Height	Diameter
2m	1.1m	13074 lx		2m	1.9m	4759 lx	
4m	2.2m	3269 lx		4m	3.8m	1189 lx	
6m	3.4m	1453 lx		6m	5.7m	529 lx	
8m	4.5m	817 lx		8m	7.5m	297 lx	
10m	5.6m	523 lx		10m	9.4m	190 lx	

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