

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 optics
- Excellent thermal management heat sink
- Luminous flux up to 7200 lm  $\pm$  300 lm(60W)
- Efficiency up to 120 lm/W
- Mounting bracket to facilitate proper aiming of the luminaire at desired angle during installation.
- Available in 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-3113-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                    | : 3113             |
| System Wattage        | : 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 | : Polycarbonate Optical Lens |
| Mounting | : Bracket - Surface          |
| Finish   | : Graphite Grey              |

**Light Source**

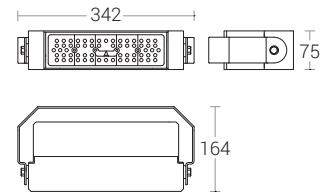
|                        |                         |
|------------------------|-------------------------|
| Light Source           | : LUMILED               |
| LED Lumens             | : Upto 9000 lm          |
| CRI (Ra)               | : ≥70                   |
| LED Colour Temperature | : 3000K / 4000K / 5700K |

**Driver**

|                  |            |
|------------------|------------|
| Power Supply     | : Integral |
| Power Factor     | : >0.95    |
| THD              | : <7.8%    |
| Surge Protection | : 6KV      |
| Efficiency       | : >90%     |

**Optical Performance**

|                    |                             |
|--------------------|-----------------------------|
| Colour Temperature | : 3000K / 4000K / 5700K     |
| Luminous flux      | : 6569 / 7666 / 6518 lm 40° |
| Beam Angle         | : 40° / 60°                 |



**Photometric Data**

