

ORBIT

HIGH BAY LIGHTS

120 W



180 W



240 W



ORBIT is a new range of High Bay Lights.

ORBIT combines high efficiency, excellent light distribution and ease of installation and maintenance. ORBIT is aesthetically designed both for industrial as well as commercial applications.

ORBIT provides choice of beam angles and excellent optics and is available in the range of 120 watts to 360 watts.

ORBIT uses COB (Chip on Board) LED's, Glass Lenses and the driver is easily accessible for maintenance.

Applications

Industrial Sheds	Warehouses
Airports	Railway Stations
Convention Centres	Exhibition Halls
Auditoriums	Shopping Malls

Features

- Pressure die casted heat sink for excellent heat dissipation
- High Efficiency Glass Lens for excellent light distribution
- Best in class power LED's from reputed international companies
- Inbuilt electronic driver
- Body Colour as requested

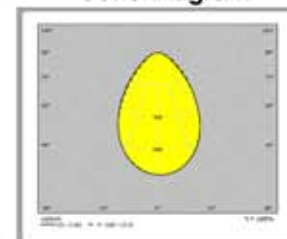
Photometric Data

Beam Diagram for 240W 58 GL

Distance	Center Beam Lux	Beam Width
2.00M	9,085 LUX	1.84 M 1.86 M
4.00M	2,271 LUX	3.68 M 3.71 M
6.00M	1,000 LUX	5.53 M 5.57 M
8.00M	567 LUX	7.37 M 7.43 M
10.00M	363 LUX	9.21 M 9.29 M
12.00M	252 LUX	11.05 M 11.14 M

■ Vert. Spread: 49.4°
■ Horiz. Spread: 49.8°

Cone Diagram



Mechanical Features

Product Code	Size (mm) (L x B x H)	Input Power (W)	System Lumens	Weight (Kg)	Replacement of	Energy Saving
IM 08 52 GL	L454 x B150 x H315	120	12600	7	250W MH	59%
IM 08 54 GL	L415 x B380 x H315	180	18900	10	400W MH	60%
IM 08 56 GL	L462 x B462 x H315	240	25200	12	600W MH	63%
IM 08 58 GL	L460 x B476 x H315	300	31500	15	2x400W MH	66%
IM 08 59 GL	L490 x B444 x H315	360	37800	18	1000W MH	67%

Specifications

Input Voltage	100 V – 260 V AC
Frequency	50 / 60 Hz
Power Factor @230 VAC	> 0.9
Colour Temperatures	3000 K / 4000 K / 6000 K
Colour Rendering Index	>70
Lumen Efficacy	>105 Lumens per Watt
Operating Temperatures	-20 °C to 55 °C
Ingress Protection	IP 65
Life Span	50,000 Hours
Safety Standard	EN 60598
EMC / EMI Standard	EN61547 / EE55015
Harmonics	EN61000-3-2 and 61000-3-3



120 W



180 W



240 W



300 W



360 W