



ORBIT High Bay

Product Design Registered



Features

- Unique modular design
- Each module of 60 Watts
- Range from 120 Watts to 360 Watts
- Aesthetic appeal for high bay
- COB or discrete LEDs
- Glass lens or PMMA lenses
- Suspended or surface mount option
- Pressure die cast aluminium housing
- Standard Body Colour : Black. Other options available

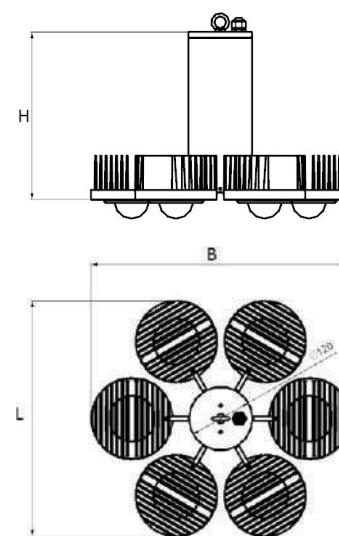
Mechanical Features

| Product Code | Size (mm) L x B x H | Weight (Kg) |
|--------------|------------------------|-------------|
| HB - 120 | 500 x 150 x 335 | 07 |
| HB - 180 | 450 x 415 x 335 | 10 |
| HB - 240 | 500 x 500 x 335 | 12 |
| HB - 300 | 485 x 468 x 335 | 15 |
| HB - 360 | 500 x 453 x 335 | 18 |

For Pricing Enquiry : sales@GoldwynLED.com

Applications

- Airport Hangers
- Railway Stations
- Shopping Malls
- Warehouses
- Cold Storages
- Industrial Sheds



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Specifications

| | |
|------------------------|----------------------------|
| Input Voltage | : 170 V - 270 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 | : >100 Lumens per Watt |
| Operating Temperature | : -20° C to 55° C |
| Ingress Protection | : IP65 / IP66 |
| Life Span | : 50,000 Hours |
| Safety Standard | : IEC 60598 |
| EMC/ EMI Standard | : IEC61547 / EN55015 |
| Harmonics | : IEC 61000-3-2 |

| Product Code | Input Power | System Lumens | Replacement of | Energy Saving |
|--------------|-------------|---------------|----------------|---------------|
| HB - 120 | 120 Watts | 12000 | 250W MH | 59 % |
| HB - 180 | 180 Watts | 18000 | 400W MH | 60 % |
| HB - 240 | 240 Watts | 24000 | 600W MH | 63 % |
| HB - 300 | 300 Watts | 30000 | 2x400W MH | 66 % |
| HB - 360 | 360 Watts | 36000 | 1000W MH | 67 % |

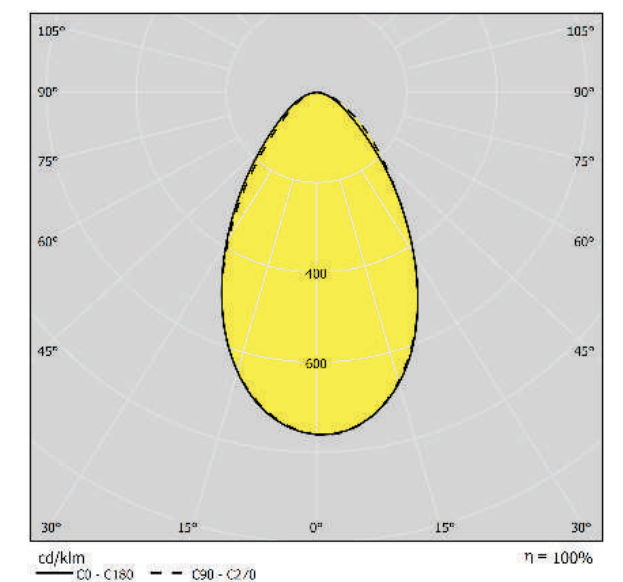
Specifications subject to change

High Bay



Photometric Data

*Polar Candela Distribution



Cone Diagram for 300 W HB - 300

| Distance (M) | Illuminance at a 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 | 1,008 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°