



## HIGH BAY LED POLESTAR SERIES LLP-PS-MB-HB-160W

### SPECIFICATIONS

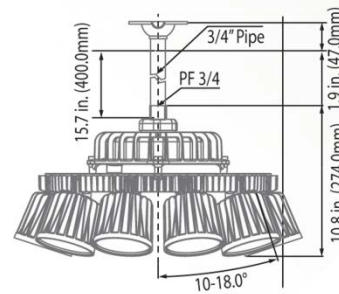
|  |  |
|--|--|
| Product Code                             | LLP-PS-MB-HB-160W  |
| Equivalent Source                        | Up to 600W Metal Halide  |
| L70 lumen depreciation design criteria = | High Bay: 50,000 hours<br>Rating is based on open-air fixture application. |
| Housing                                  | Powder Coated Die Cast Aluminum/ Tempered Glass Globe (3T)                 |
| Installation Type                        | S-Hook or Pendant Mount  |
| Beam Spread                              | 60° symmetric  |
| Operating Temperature                    | -30°C to +60°C   |
| IP Rating                                | IP65   |
| Voltage                                  | 100VAC-277VAC  |
| Weight                                   | 24.2 lb., 11.0Kg   |
| Diameter (Chain)                         | Ø 20.9" (532.0mm)  |
| Length (Chain)                           | 10.8" (274.0mm)  |
| Diameter (Pipe)                          | Ø 20.9" (532.0mm)  |
| Length (Pipe)                            | 10.9" (279.1mm)  |
| Power Factor                             | ≥0.98  |
| Lumens/ Watt (lm/W)                      | 98   |
| Luminous Flux (lm)                       | 15,680lm   |
| Color Rendering Index (CRI)              | CRI 80   |
| Warranty                                 | 5-Year Warranty  |

### BENEFITS

- Applied Narrow Multi Beam Forming Technology, maximizing the saving on energy.
- No glare.
- High Bay reliably produces clear, bright illumination that reduces operational and maintenance costs.
- Open rated for maximum air flow.
- Group up to 300 allowing you to simultaneously dim or increase the brightness of the lighting in your desired zones.
- Junction temperature of LED light source is kept below 149°F (65°C). (Theoretically, in order for LED to get life span over 50,000 hours the junction temperature should be below 176°F (80°C))
- Suitable for wet locations.
- 160 Watts – 83% more efficient than comparable 600 watt metal halide lamps.
- Maintenance free operation lasts up to 16 times longer than metal halide lighting.

### APPLICATIONS:

Warehouses  
Aquariums  
Gymnasiums  
Grocery Stores, and etc.



Pipe Installation

### ORDERING INFORMATION \ HIGH BAY LED POLESTAR SERIES

PRODUCT CODE: **LLP-PS-MB-HB-160W**

| Family | Product  | Wattage | Color (CCT)            | Distribution    | Voltage <sup>4</sup> | Base                            |
|--------|----------|---------|------------------------|-----------------|----------------------|---------------------------------|
| LLP    | PS-MB-HB | 160W    | 5000K-CW<br>Cool White | Beam Spread 60° | 100-277 Volt         | H (S-HOOK)<br>P (PENDANT Mount) |



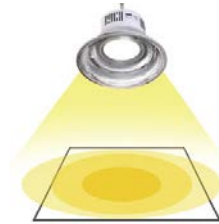
|              |               |
|--------------|---------------|
| Prepared By: | Product Code: |
| Project:     | Date:         |

The LED POLESTAR SERIES has high system efficiency. These LED fixtures have been manufactured implementing lens and reflector technology to generate a desired light pattern.

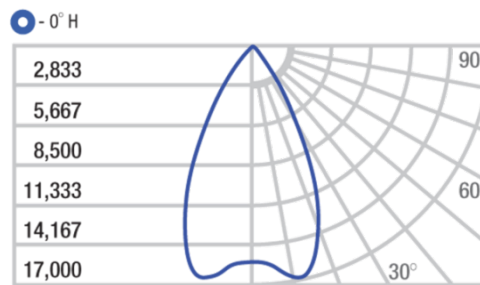
These LED fixtures not only create a highly desirable light pattern but also control light pollution. The control of the light pattern efficiently utilizes the energy being sent to each fixture. LED light contains less infrared (heat) than incandescent lamps, eliminating risk of damage from a rise in temperature. LEDs also reduce deterioration or discoloration from ultraviolet (UV) rays, because they have limited emissions in the UV spectrum. Other LED benefits include instant full brightness (as opposed to “warming up”) and silent operation (versus the buzz of ballasts, e.g.). Additionally, at the end of their long life cycle, LEDs begin to fade versus “burning out,” which provides ample time for change out.



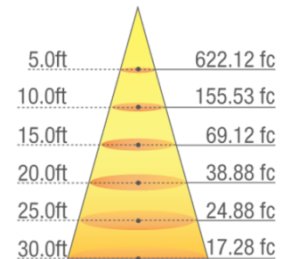
NMBF (Narrow Multi Beam Forming) Technology



Other Technology



[Beam Profile]



[Illumination]

**Caution:**

- Turn power off before inspection, installation, or removal.
  - Suitable for wet locations.
  - Do not open – no user serviceable parts inside fixture.
- \*To be installed by a licensed electrician