

**CLASS I, DIV. 2 GROUPS A,B,C,D - T3**  
**CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T3**  
**CLASS III - T3**



The HBL Series Bay Light is the perfect solution for low/high bay lighting applications in demanding environments. This fixture provides high output LED's along with high-quality construction offering industry leading performance and durability for your hazardous area lighting needs.



-40°C / +50°C  
-40°C / +40°C

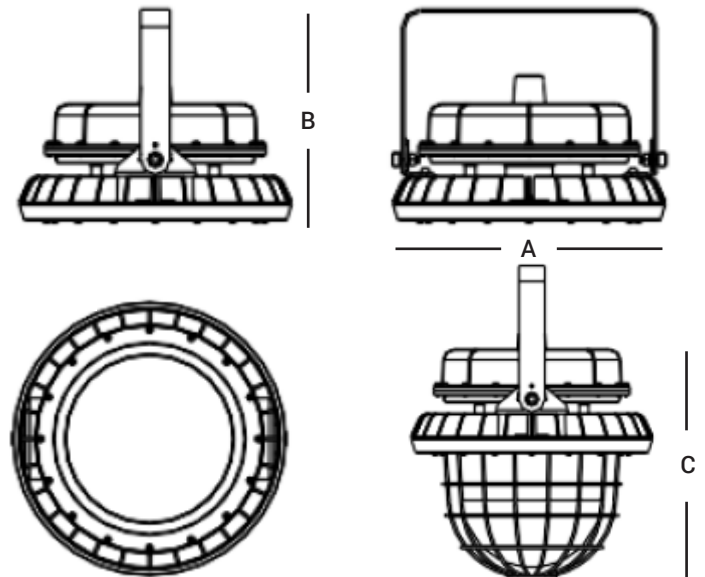
**APPLICATIONS**

- Oil & Gas Facilities
- Electrical Buildings
- Mining Environments
- Forestry Facilities
- Indoor / Outdoor Applications
- Harsh Conditions
- Processing Facilities
- Manufacturing
- Hazardous Areas

**TECHNICAL SPECIFICATIONS**

|                         |   |
|-------------------------|---|
| VOLTAGE                 | 120-277V or 347-480V                                  |
| POWER FACTOR            | <95%  |
| LED LUMINOUS EFFICIENCY | 140 (LM/W)  |
| MAX LUMEN OUTPUT        | 28,000LM  |
| COLOUR TEMPERATURE      | 4000-5700K  |
| COLOUR RATING INDEX     | Ra>70   |
| LENS                    | Optical Glass   |
| PROTECTION              | IP66  |
| FREQUENCY               | 50-60 Hz  |
| LED CHIP                | Phillips  |
| LED DRIVER              | Meanwell  |
| MAXIMUM INTENSITY ANGLE | 40° / 60° / 90° / 120°                                |
| WORK TEMPERATURE        | -40°C to +50°C (30W-80W)<br>-40°C to +40°C (150-200W) |
| WORK HUMIDITY           | 15% to 95% RH   |
| CHIP LIFE EXPECTANCY    | 80000 Hrs   |
| FIXTURE                 | Aluminum Alloy Housing                                |
| WEIGHT                  | 3.5-8.2kg   |

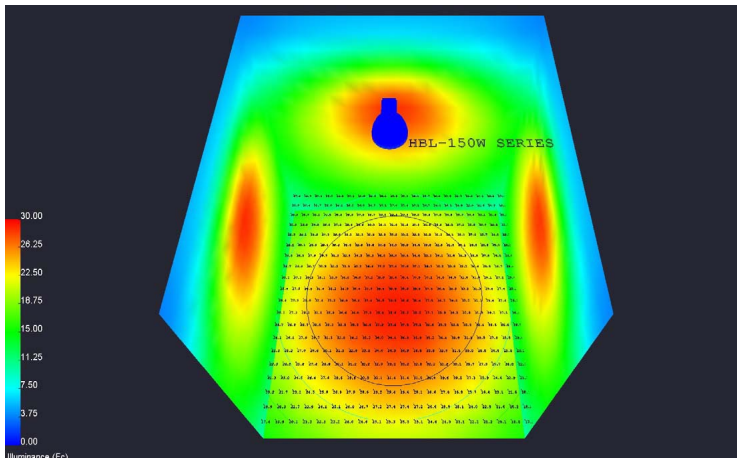
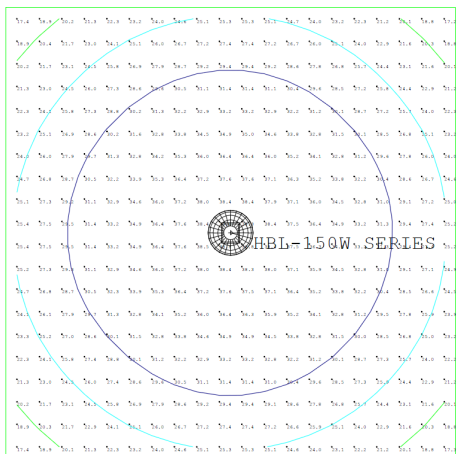
**DIMENSIONS**



| WATTAGE   | A     | B   | C   |
|-----------|-------|-----|-----|
| 30W       | 234mm | TBD | TBD |
| 60W / 80W | 270mm | TBD | TBD |
| 150W/200W | 370mm | TBD | TBD |

**OPTICS**

**PHOTOMETRIC RENDERING (150W / 120°)**



Room Dimensions: 20' x 20' x 20'  
Fixture Mounted @ 20'

**MOUNTING**



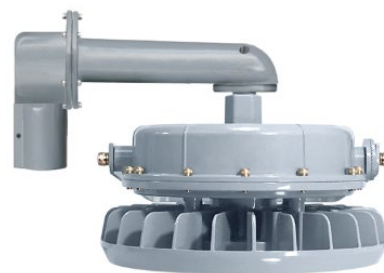
STANDARD BRACKET  
(BS)



PENDANT MOUNT  
(MP)



WALL MOUNT  
(MW)



STANCHION MOUNT  
(MS)

**ORDERING INFORMATION**

PART NUMBER EXAMPLE: LS - HBL- 30W - MV - 40 - BS - 12D

| WATTAGE | VOLTAGE       | COLOUR TEMP | MOUNTING            | OPTICS                |
|---------|---------------|-------------|---------------------|-----------------------|
| 30W     | MV 120-277VAC | 40 4000K    | BS STANDARD BRACKET | 12D STANDARD (120°)   |
| 60W     | HV 347-480VAC | 50 5000K    | MP PENDANT MOUNT    | 90D WIDE LENS (90°)   |
| 80W     |               | 57 5700K    | MW WALL MOUNT       | 60D MEDIUM LENS (60°) |
| 150W    |               |             | MS STANCHION MOUNT  | 40D NARROW LENS (40°) |
| 200W    |               |             |                     |                       |