

## ROUND PENDANT LED HIGH BAY

### HP Gen. 2 SERIES



Standard Fixture with Frosted Lens



Fixture with Shade\*



Fixture with Shade and Drop Lens\*

\*Shade and Drop Lens purchased separately



### PRODUCT DESCRIPTION:

The Round Pendant LED High Bay blends high performance with a premium aesthetic that is well suited to many industrial and commercial applications, including retail and big box stores, auto showrooms, gymnasiums, warehouses and manufacturing facilities. The high bay features cutting-edge optics that deliver exceptional efficacy up to 158 lm/W with minimal glare. The high bay also features a high transmission polycarbonate diffuser, a profile as low as 5", integrated sensor design, and innovative patent-pending thermal heat sinks. The HP Series is designed for performance in high ambient temperatures up to 50°C.

### FEATURES:

- Trade Agreements Act (TAA) and compliant
- Buy American Act (BAA) compliant product available - contact MaxLite for details
- 10 year warranty
- Power Factor > 0.9
- 0-10V Dimming
- Beam angle 105°
- Polycarbonate shade with drop lens optional
- Indoor / Damp rated
- Transient Protection ANSI C62.41 Cat.B - 6.0kV

### CONSTRUCTION:

- Innovative ALDC12 die cast heat sinks for exceptional thermal performance even in high ambient temperatures
- White powder coated standard
- 3/4" NPT steel hook standard
- 4 ft whip

### WARRANTY:

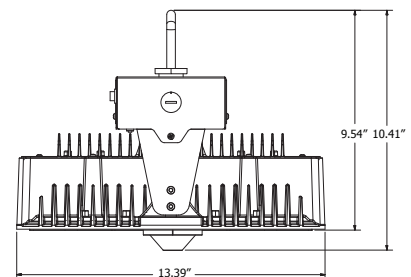
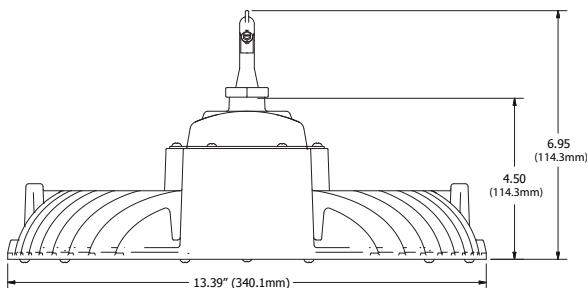
10-year standard warranty with labor allowance\*  
(see terms at [www.maxlite.com/warranties](http://www.maxlite.com/warranties))

\*Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F.

\*Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite.

\*Excludes EM/MS versions; component warranty applies.

\*If ambient temperatures fall outside the -4°F to 77°F range, product is warranted for 5 years according to the operating temperature range specified on the PDS.



Highbay with battery backup and integrated sensor

**MaxLite Makes It!**

Don't see what you need? Additional wattages and specifications available upon request - contact your MaxLite rep!

| MODEL SELECTION      |   |                                                 |                            |                               | Typical order example: HP-130UF-40EMMSC |                        |                                    |                                                                                                                                          |                                                                                                                                                                          |
|----------------------|---|-------------------------------------------------|----------------------------|-------------------------------|-----------------------------------------|------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HP                   | - |                                                 |                            |                               | -                                       |                        |                                    |                                                                                                                                          |                                                                                                                                                                          |
| FAMILY               | - | WATTAGE                                         | VOLTAGE                    | LENS                          | -                                       | CCT                    | BBU                                | CORD SET                                                                                                                                 | OPTIONS                                                                                                                                                                  |
| HP= High Bay Pendant | - | 090= 90W<br>130= 130W<br>160= 160W<br>185= 185W | U= 120-277V<br>H= 347-480V | (OMIT)= No Lens<br>F= Frosted | -                                       | 40= 4000K<br>50= 5000K | (OMIT)= None<br>EM= Battery Backup | (OMIT)= None<br>C1= 120V cord & 5-15P plug<br>C2= 277V cord & L7-15P plug<br>C3= 347V cord & L24-20P plug<br>C4= 480V cord & L8-20P plug | (OMIT)= None<br>MSO= On/Off Motion Sensor<br>Bi-Level w/ Remote Capability<br>MSC= Bi-Level Motion Sensor<br>MSV= Bi-Level Microwave Motion Sensor<br>MSM= Motion Sensor |

### NOTES:

- To stem mount product, remove hook in the field.
- Battery backup provides 2800 lumens for 90 minutes
- Battery backup and optional cords cannot be used together
- Battery backup cannot be used with 347-480V product
- When high voltage is required, MSV is the only sensor option available
- Factory installed EM option not available to be sold in CA or OR, order code #102621 can be used as a field installable accessory

### SPECIFICATIONS:

|                     |                               | HP-090UF-50                                        | HP-130UF-50 | HP-160UF-50 | HP-185UF-50 |
|---------------------|-------------------------------|----------------------------------------------------|-------------|-------------|-------------|
| ITEM                | SPECIFICATION                 | DETAILS                                            |             |             |             |
| GENERAL PERFORMANCE | Power Consumption (W)         | 88.1                                               | 129.7       | 159.5       | 180.2       |
|                     | Equivalent Wattage            | 175W                                               | 250W        | 400W        | 600W        |
|                     | Lumens Delivered (lm)         | 12,100                                             | 17,900      | 22,260      | 25,770      |
|                     | Efficacy (lm/W)               | 137 lm/W                                           | 138 lm/W    | 140 lm/W    | 143 lm/W    |
|                     | CRI                           | ≥80                                                |             |             |             |
|                     | Color Temperature (K)         | 5000K (4000K available, contact MaxLite for info.) |             |             |             |
|                     | L70 Lumen maintenance (hours) | 100,000                                            |             |             |             |
|                     | Color Consistency             | Proprietary binning for uniform color              |             |             |             |
| ELECTRICAL          | Power Factor                  | >0.9                                               |             |             |             |
|                     | Input Voltage                 | 120-277V (347-480V optional)                       |             |             |             |
|                     | Dimming                       | 0-10V, to 10%                                      |             |             |             |
| PHYSICAL            | Mounting                      | Hook Standard, optional 3/4" pipe, wall            |             |             |             |
|                     | Operating Temperature         | -40°F to 122°F (-40°C to 50°C)                     |             |             |             |
|                     | Humidity                      | 10-90% RH, non-condensing                          |             |             |             |
| CERTIFICATION       | Certification                 | UL, FCC, LM79                                      |             |             |             |
|                     | Material Usage                | RoHS compliant; no mercury                         |             |             |             |
|                     | Environment                   | Indoor / Damp                                      |             |             |             |
|                     | Warranty                      | 10 year warranty*                                  |             |             |             |
| QUALIFICATION       | DesignLight Consortium        | DLC Premium                                        |             |             |             |

\*To stem mount product, remove hook in the field.

### ORDERING\*:

| DLC PRODUCT ID | ORDER CODE | MODEL NUMBER | WATTAGE | CCT   |
|----------------|------------|--------------|---------|-------|
| PCJ2QE1I       | 1410223    | HP-090UF-50  | 90      | 5000K |
| PUD2XQBD       | 1410225    | HP-130UF-50  | 130     |       |
| PIK209T3       | 1410227    | HP-160UF-50  | 160     |       |
| P91MCD73       | 1410229    | HP-185UF-50  | 185     |       |
| POAA5Y72       | 1410222    | HP-090UF-40  | 90      | 4000K |
| PWSCAPC4       | 1410224    | HP-130UF-40  | 130     |       |
| P9E0WJUW       | 1410226    | HP-160UF-40  | 160     |       |
| P1O1OZW8       | 1410228    | HP-185UF-40  | 185     |       |

\*Please contact your MaxLite representative to order products that don't have order codes listed here.

### OTHER ACCESSORIES:

| ORDER CODE | MODEL NUMBER       | DESCRIPTION                                                                                          | PRODUCT IMAGE                                                                         |
|------------|--------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 100427     | HP-SHADE-FR2       | PC Shade for GEN 2 HP High Bay 16" Frosted                                                           |   |
| 100426     | HP-DRPLNS2         | Drop Lens for HP GEN 2 High Bay with Installation Screws<br>*Shade is required for use of drop lens* |  |
| 103489     | HP-WMBKIT          | Surface mount bracket kit for HP Gen 2 High Bay                                                      |  |
| 14099154   | HP-WGW             | Wire Guard                                                                                           |  |
| 101286     | BLHTD120-12/5      | 10' Modular Wiring Drop (120V)                                                                       |  |
| 75324      | BLHTD277/480-12/5  | 10' Modular Wiring Drop (277/480V)                                                                   |  |
| 103492     | RMTITXSRP280       | MSC Sensor Remote                                                                                    |  |
| 102184     | FSIR-100           | High FSIR-100 MSV Sensor Remote                                                                      |  |
| 102621     | EBUUP20020D0400S-H | Field Installable Emergency Battery, Backup [50v-200V] 20W                                           |  |

\* Wire Guard not compatible with shade or drop lens

| SENSOR OPTION  | TECHNOLOGY     | DIMMING  | DAYLIGHT HARVESTING | REMOTE CONTROL | QR CODE                                                                             |
|----------------|----------------|----------|---------------------|----------------|-------------------------------------------------------------------------------------|
| MSO            | PIR            | On/Off   | Set Point           | No             |  |
| MSV            | PIR            | Bi-Level | Set Point           | No             |  |
| MSV (347-480V) | PIR            | Bi-Level | Set Point           | Yes            |  |
| MSC            | PIR            | Bi-Level | Continuous          | Yes            |  |
| MSM            | High-Frequency | Bi-Level | Set Point           | No             |  |

\* For motion sensor settings and information, please visit [www.maxlite.com/controls](http://www.maxlite.com/controls)

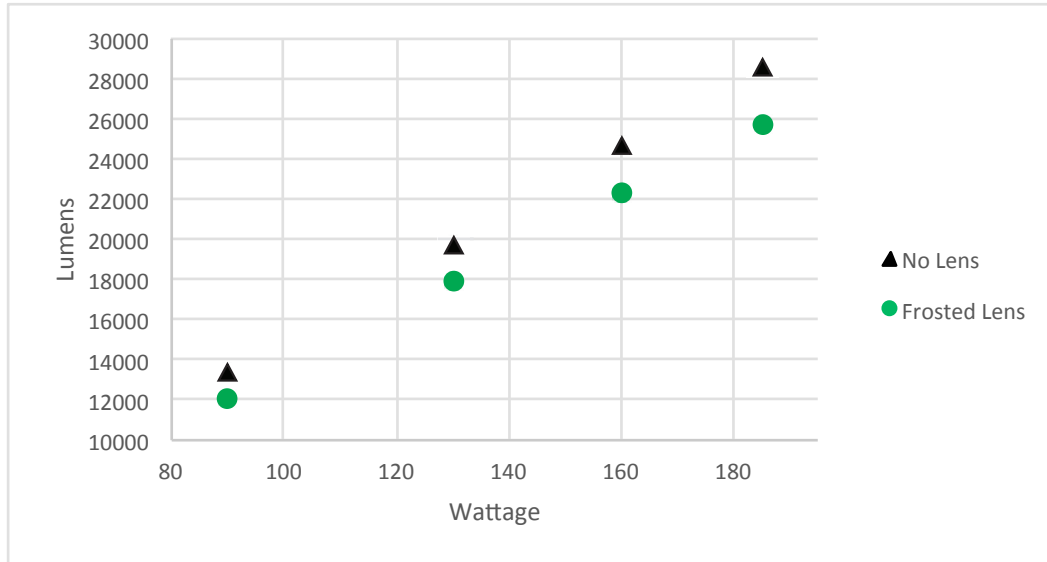
### OPERATIONAL DATA:

|                         | NOMINAL WATTAGE | NO LENS |          |                 | FROSTED LENS |          |                 |
|-------------------------|-----------------|---------|----------|-----------------|--------------|----------|-----------------|
|                         |                 | LUMENS  | EFFICACY | WATTAGE AT 120V | LUMENS       | EFFICACY | WATTAGE AT 120V |
| Delivered Lumens, 4000K | 90W             | 13,060  | 147.7    | 88.4            | 11,823       | 133.8    | 88.4            |
|                         | 130W            | 19,325  | 148.3    | 130.2           | 17,495       | 134.4    | 130.3           |
|                         | 160W            | 24,073  | 150.8    | 159.6           | 21,794       | 136.6    | 159.7           |
|                         | 185W            | 27,860  | 154.3    | 180.6           | 25,222       | 139.7    | 180.5           |
| Delivered Lumens, 5000K | 90W             | 13,384  | 151.9    | 88.1            | 12,100       | 137.3    | 88.1            |
|                         | 130W            | 19,797  | 152.6    | 129.7           | 17,897       | 138.0    | 129.7           |
|                         | 160W            | 24,627  | 154.4    | 159.5           | 22,264       | 139.6    | 159.5           |
|                         | 185W            | 28,501  | 158.2    | 180.2           | 25,766       | 143.0    | 180.2           |

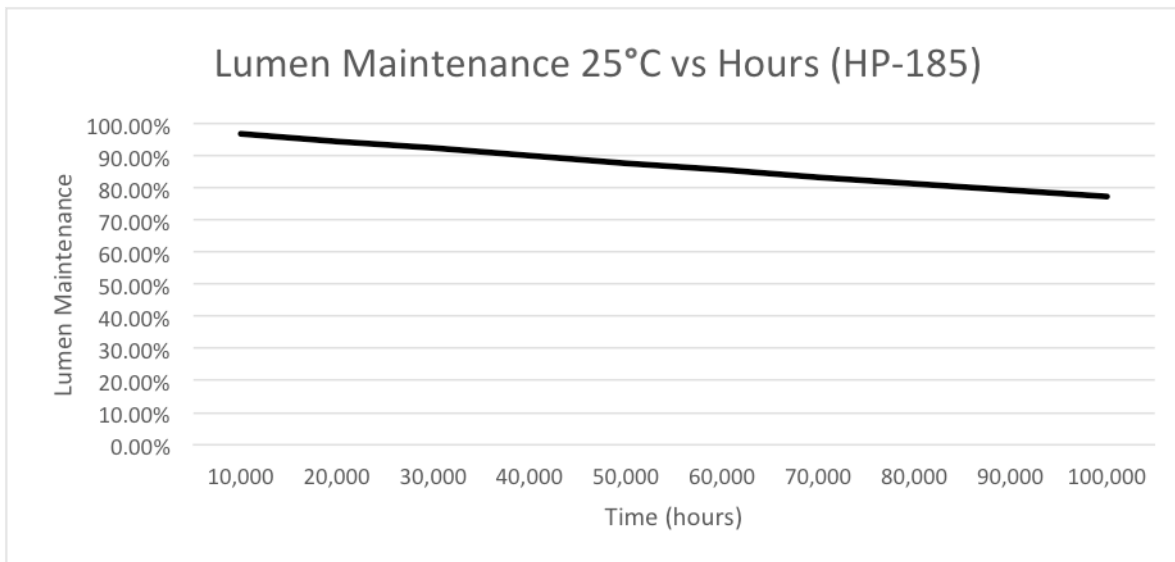
### CURRENT TABLE:

| NOMINAL WATTAGE | VOLTAGE   |           |
|-----------------|-----------|-----------|
|                 | 120V-277V | 347-480V  |
| 90W             | 0.74-0.33 | 0.26-0.2  |
| 130W            | 1.09-0.48 | 0.39-0.3  |
| 160W            | 1.37-0.59 | 0.45-0.34 |
| 185W            | 1.54-0.66 | 0.53-0.39 |

## WATTAGE VS LUMENS:



The products used for this table were measured at 120V and 5000K CCT



## LUMEN MAINTENANCE:

| Time              | 10,000 | 20,000 | 30,000 | 40,000 | 50,000 | 60,000 | 70,000 | 80,000 | 90,000 | 100,000 |
|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Lumen Maintenance | 96.99% | 94.58% | 92.22% | 89.92% | 87.68% | 85.49% | 83.36% | 81.28% | 79.26% | 77.28%  |