

PROJECT NAME: \_\_\_\_\_ CAT. #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_ FIXTURE SCHEDULE: \_\_\_\_\_

# Round Eco Pendant High Bay Gen 3 BPHE3 Series



90W/ 120W/ 150W



180W/ 200W/ 240W



c-Max Installed



BPHE3 in Black finish available on select models

### Product Description:

The Round Eco Pendant High Bay Gen 3 is a sleek, price effective lighting solution for warehouses, retail and big box stores, gymnasiums, and other industrial and commercial locations with open ceilings. Compact in design, yet mighty in output and durability, the pendant produces uniform illumination with DLC Premium listed performance that exceeds 135 lm/W. The product comes integrated with a sensor port for easy in-field plug and play sensor installation, compatible with Maxlite c-Max system (DLC NLC qualified), making it attractive for large utility rebates

### Features:

- 0-10V dimming standard
- IP65
- Operating Temperature -40°F to 122°F (-40°C to 50°C), except BBU/ Sensor models
- Conforms to the requirements of NSF/ ANSI 2 - Food Equipment (NSF available only on non-TAA models)
- Option for both aluminum and acrylic reflectors
- Hook mount standard, accessories for Stem mount and wall
- 6' Power Cord (3 wire) and 6' Dimming (2 wire) Standard
- Plug and play, easy to field install motion sensor accessories available
- c-Max Network compatible, for 120-277V models
- Field installable Emergency BBU available as accessory

### Construction:

- Die Cast Aluminum
- Polycarbonate lens
- Standard White polyester powder coat finish. Black finish available on select models

### Listings:

- ETL Listed for Wet Locations

### Controls Features

- Multifunction and Energy Monitoring
- Daylight Sensor
- Occupancy Sensor
- Integral Sensor Receptacle
- High-End Trim
- Bluetooth
- Luminaire Level Lighting Control (LLLC)

## Ordering Information

| FAMILY                                   | - | VOLTAGE                     | WATTAGE SELECTABLE                          | CCT                                       | FINISH                     | SOURCING STRATEGY                            |
|--|---|-----------------------------|---|---|----------------------------|--|
| BPHE3= Round Eco Pendant High Bay Gen 3* | - | U= 120-277V<br>H= 277V-480V | 090W= 90W/120W/150W<br>180W= 180W/200W/240W | CS= Color Selectable<br>3500K/4000K/5000K | BLANK= White<br>B= Black** | BLANK= Non-TAA country<br>TA= TAA country*** |

\*Product comes with 6' Power (3 wire) and 6' dimming (2 wire) cords. Additional cords and plugs cannot be installed on this product as it is Wet/IP65 rated.

\*\*Black finish is only available in 120-277V models

\*\*\* TAA models are not NSF qualified

## Round Eco Pendant High Bay Gen 3

## BPHE3 Series

### Non-TAA Stocked Items

| ORDER CODE | MODEL NUMBER   | DLC PRODUCT ID | PRIMARY USE DESIGNATION                                     | CLASSIFICATION |
|------------|----------------|----------------|---|----------------|
| 111034     | BPHE3-U090WCS  | S-BXYBPT       | High-Bay Luminaires for Commercial and Industrial Buildings | Premium        |
| 111106     | BPHE3-U180WCS  | S-QPWM03       | High-Bay Luminaires for Commercial and Industrial Buildings | Premium        |
| 111513     | BPHE3-H090WCS  | S-ZGWRFR       | High-Bay Luminaires for Commercial and Industrial Buildings | Premium        |
| 111514     | BPHE3-H180WCS  | S-X7ZDYW       | High-Bay Luminaires for Commercial and Industrial Buildings | Premium        |
| 111554     | BPHE3-U090WCSB | S-BXYBPT       | High-Bay Luminaires for Commercial and Industrial Buildings | Premium        |
| 111555     | BPHE3-U180WCSB | S-QPWM03       | High-Bay Luminaires for Commercial and Industrial Buildings | Premium        |

### TAA Stocked Items

| ORDER CODE | MODEL NUMBER    | DLC PRODUCT ID | PRIMARY USE DESIGNATION                                     | CLASSIFICATION |
|------------|-----------------|----------------|---|----------------|
| 111170     | BPHE3-U180WCSTA | S-QPWM03       | High-Bay Luminaires for Commercial and Industrial Buildings | Premium        |

### Accessories (SOLD SEPARATELY)

| ORDER CODE | MODEL NUMBER                    | DESCRIPTION  | IMAGE |
|------------|---------------------------------|--|-------|
| 109411     | BPHE2-WGS1                      | BPHE2/BPHE3 WIRE GUARD COMPATIBLE WITH SENSOR - FOR 90WCS 8.9IN (DIA) X 0.8IN (HEIGHT) WHITE FINISH. INCLUDES HARDWARE (5PC OF CLIPS AND 5PC OF SCREWS)  |       |
| 109412     | BPHE2-WGS2                      | BPHE2/BPHE3 WIRE GUARD COMPATIBLE WITH SENSOR - FOR 180WCS. 10IN (DIA) X 0.8IN (HEIGHT) WHITE FINISH. INCLUDES HARDWARE (6PC OF CLIPS AND 6PC OF SCREWS)   |       |
| 109272     | BPHE2-PPADPTR                   | BPHE2/BPHE3 PIPE ADAPTER (1/2" NPT TO 3/4"NPT)   |       |
| 108844     | BPHE2-UBRKT <sup>1</sup>        | BPHE2/BPHE3 U BRACKET FOR WALL MOUNT. 9.5IN (LENGTH) X 3.7IN (WIDTH) X 6.1IN (HEIGHT). MTG HARDWARE NOT INCLUDED   |       |
| 108843     | BPHE2-TRNSFR <sup>2</sup>       | BPHE2/BPHE3 TRANSFER RING 11.6IN (DIA) - REQUIRED FOR PC BPHE2-PCSHD AND BPHE2-ALREF FOR 90WCS MODELS  |       |
| 108842     | BPHE2-PCSHD <sup>3</sup>        | BPHE2/BPHE3 POLY CARBONATE SHADE REFLECTOR 16.1IN (OD) X 11.7IN (ID) X 7.5IN (HEIGHT) FOR 180WCS MODEL. INCLUDES HARDWARE (6PC OF SCREWS) ADDITIONAL BPHE2-TRNSFR REQUIRED FOR 90WCS MODELS  |       |
| 108841     | BPHE2-ALREF <sup>3</sup>        | BPHE2/BPHE3 ALUMINUM REFLECTOR 16IN (OD) X 11.7IN (ID) X 7.5IN (HEIGHT) FOR 180WCS MODEL. INCLUDES HARDWARE (6PC OF SCREWS) ADDITIONAL BPHE2-TRNSFR REQUIRED FOR 90WCS MODELS  |       |
| 108840     | BPHE2-PCDRP                     | BPHE2/BPHE3 PC DROP LENS 15.9IN X 1.5IN. COMPATIBLE WITH BPHE2-PCSHD AND BPHE2-ALREF   |       |
| 108699     | EBUUP17515E0200A <sup>4,7</sup> | EMERGENCY LED DRIVER 100-347VAC 40W 175VDC MAX CONSTANT POWER FIELD INSTALLABLE (RUGBY SHAPED) FOR ROUND HIGHBAY. 2KV SURGE FOR FIELD INSTALL BBU. REMOTE RMRN1 SHOULD BE PURCHASED SEPARATELY TO TEST EMERGENCY FUNCTION. COMPATIBLE WITH 120-277V FIXTURES (VOLTAGE = U) |       |
| 112336     | EBUUP40015E0100A <sup>4,8</sup> | EMERGENCY LED DRIVER 277-480VAC 40W 400VDC MAX CONSTANT POWER FIELD INSTALLABLE (RUGBY SHAPED) FOR ROUND HIGHBAY. 2KV SURGE FOR FIELD INSTALL BBU. REMOTE RMRN1 SHOULD BE PURCHASED SEPARATELY TO TEST EMERGENCY FUNCTION. COMPATIBLE WITH 277-480V FIXTURES (VOLTAGE = H) |       |
| 108901     | RMRN1 <sup>5</sup>              | REMOTE CONTROL FOR BBU EBUUP17515E0200A and EBUUP40015E0100A   |       |



# Round Eco Pendant High Bay Gen 3 BPHE3 Series

## Accessories (SOLD SEPARATELY)

| c-Max Basic   |                          |  |   |
|---------------|--------------------------|--|---|
| 105567        | CN-REMOTE                | CONTROL NODE REMOTE CONTROL  |  |
| 108689        | CNA-RDMSW <sup>6,7</sup> | BASIC CONTROL NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING, WHITE |  |
| c-Max Network |                          |  |   |
| 108688        | NNA-RDMSW <sup>6,7</sup> | NETWORK NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING, WHITE       |  |
| 109413        | NNA-RDW <sup>7</sup>     | NETWORK NODE (AJ) ROUND, BLUETOOTH, 12VDC, WHITE                             |  |
| 109114        | NPP-EM                   | 120-277V NETWORK UL924 WIRELESS EMERGENCY MODULE                             |  |

1. Fixture height when U Bracket is installed will be 7.3 in for 90WCS model and 7.7 in for 180WCS in (excluding the sensor receptacle)
2. BPHE2-TRNSFR to be purchased separately to install the PC DROP LENS, AL/ PC REFL on 90WCS
3. BPHE2-PCDRP to be used in combination of reflector or shade
4. On EM Mode, fixture output us a minimum of 5400 lm for 90 minutes when fully charged
5. Remote RMRN1 should be purchased separately to test emergency function
6. CNA-RDMSW & NNA-RDMSW sensor won't function when BPHE2-PCDRP is installed or with Drop Lens accessory
7. For 120-277V Models, Emergency BBU and c-Max Basic controls nodes (CNA-RDMSW) are not compatible. If controls are needed when using Emergency BBU, need to purchase NPP-EM and c-Max Network nodes (NNA-RDW / NNA-RDMSW) separately.
8. For 277V-480V models, Emergency BBU and c-Max Basic/ Network controls nodes are not compatible

## Specifications

|                                     | BPHE3-X090WCS  |                     |                     | BPHE3-X180WCS       |                     |                     |
|-------------------------------------|--|---------------------|---------------------|---------------------|---------------------|---------------------|
| Diameter                            | 10.4 inches  |                     |                     | 11.5 inches         |                     |                     |
| Nominal Wattage (W)*                | 90W  | 120W                | 150W                | 180W                | 200W                | 240W                |
| Lumens Delivered (lm)               | 12150, 13500, 12600  | 16200, 18000, 16800 | 21700, 23100, 21900 | 24500, 27000, 25200 | 27000, 30000, 28000 | 32100, 35100, 33400 |
| Nominal Efficacy ( lm/W)            | 135, 150, 140 lm/W   |                     |                     |                     |                     |                     |
| Lumens Delivered at BBU mode (lm)** | 5,400lm - for 90 minutes, when fully charged   |                     |                     |                     |                     |                     |
| CCT*                                | 3500K, 4000K, 5000K  |                     |                     |                     |                     |                     |
| CRI                                 | ≥80  |                     |                     |                     |                     |                     |
| Calculated L70 Lumen Maintenance    | 100,000 hours based on 25°C  |                     |                     |                     |                     |                     |
| Dimming Technology                  | 0-10V  |                     |                     |                     |                     |                     |
| Dimming Range                       | 10-100%  |                     |                     |                     |                     |                     |
| Beam Angle                          | 90°  |                     |                     |                     |                     |                     |
| Input Voltage                       | 120-277V AC, 277-480V AC   |                     |                     |                     |                     |                     |
| Surge Protection                    | Standard: 6KV; Field Install BBU: 2KV  |                     |                     |                     |                     |                     |
| Power Factor                        | ≥ 0.9  |                     |                     |                     |                     |                     |
| Mounting                            | Hook mount standard, accessories for Stem mount and wall mount available                           |                     |                     |                     |                     |                     |
| Housing                             | Die Cast Aluminum  |                     |                     |                     |                     |                     |
| Diffuser                            | Polycarbonate lens   |                     |                     |                     |                     |                     |
| Humidity                            | 10% to 80% RH Non-Condensing   |                     |                     |                     |                     |                     |
| Operating Temperature               | -40°F to 122°F (-40°C to 50°C), except BBU/ Sensor models. BBU models: 32°F to 122°F (0°C to 50°C) |                     |                     |                     |                     |                     |
| Certifications                      | ETL listed, IP65, FCC. NSF available only on non-TAA models  |                     |                     |                     |                     |                     |
| Qualifications                      | DLC Premium  |                     |                     |                     |                     |                     |
| Material Usage                      | RoHS Compliant; No Mercury   |                     |                     |                     |                     |                     |
| Environment                         | Wet locations  |                     |                     |                     |                     |                     |
| Warranty                            | 10 years. Check <a href="http://maxlite.com/warranties">maxlite.com/warranties</a> for details     |                     |                     |                     |                     |                     |

\*Factory default is lowest wattage at 5000K

\*\*Lumens delivered at BBU mode varies based on wattage and CCT setting

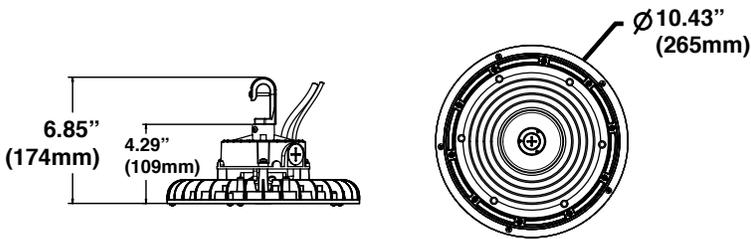
# Round Eco Pendant High Bay Gen 3 BPHE3 Series

## Control Features

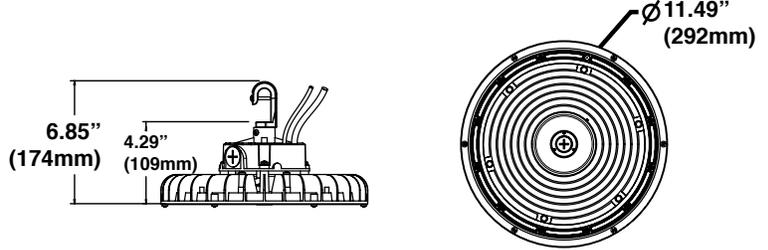
| CONTROL OPTION | TECHNOLOGY  | DIMMING  | DAYLIGHT HARVESTING              | REMOTE CONTROL                   | SPEC SHEET LINK |
|----------------|---|----------|----------------------------------|----------------------------------|-----------------|
| CNA-RDMSW      | Microwave   | Bi-Level | Continuous Adjustment Mode (CAM) | CN-REMOTE                        |                 |
| NNA-RDMSW      | PIR Motion sensing.<br>Photoelectric & Bluetooth networking | Bi-Level | Continuous Adjustment Mode (CAM) | c-Max App<br>(iPhone or Android) |                 |
| NNA-RDW        | Bluetooth Networking  | NA       | NA                               | c-Max App<br>(iPhone or Android) |                 |

## Dimensions

### 90W/ 120W/ 150W



### 180W/ 200W/ 240W



| MODEL NUMBER  | DIAMETER  | HEIGHT (WITHOUT HOOK) | HEIGHT (WITH HOOK) | HEIGHT (WITH U-BRACKET) |
|---------------|-----------|-----------------------|--------------------|-------------------------|
| BPHE3-X090WCS | 10.4 inch | 4.3 inch              | 6.9 inch           | 7.3 inch                |
| BPHE3-X180WCS | 11.5 inch |                       |                    | 7.7 inch                |

## FCC Statement

This device complies with part 15 of the FCC Rules, Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.