

PROJECT NAME: _____
 NOTES: _____

CAT. #: _____
 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 H= 277V-480V	090W= 90W/120W/150W 180W= 180W/200W/240W	CS= Color Selectable 3500K/4000K/5000K	BLANK= White B= Black**	BLANK= Non-TAA country 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

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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

Specifications

Specifications	BPHE3-X090WCS			BPHE3-X180WCS		
	10.4 inches			11.5 inches		
Diameter	10.4 inches			11.5 inches		
Nominal Wattage (W)*	90W	120W	150W	180W	200W	240W
Lumens Delivered (lm)	12150, 13500, 12600 lm	16200, 18000, 16800 lm	21700, 23100, 21900 lm	24500, 27000, 25200 lm	27000, 30000, 28000 lm	32100, 35100, 33400 lm
Nominal Efficacy (lm/W)	135, 150, 140 lm/W					
Lumens Delivered at BBU mode (lm)**	5,400 lm - 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 maxlite.com/warranties for details					

*Factory default is lowest wattage at 5000K

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

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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 ¹	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 ²	BPHE2/BPHE3 TRANSFER RING 11.6IN (DIA) - REQUIRED FOR PC BPHE2-PCSHD AND BPHE2-ALREF FOR 90WCS MODELS	
108842	BPHE2-PCSHD ³	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 ³	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 ^{4,7}	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 ^{4,8}	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 ⁵	REMOTE CONTROL FOR BBU EBUUP17515E0200A and EBUUP40015E0100A	

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

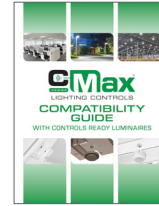
4. On EM Mode, fixture output us a minimum of 5400 lm for 90 minutes when fully charged

5. Remote RMRN1 should be purchased separately to test emergency function

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c-Max Controls Microsites and Compatibility Guide



Product Compatibility Guide

Compatible Controls (Sold Separately)⁺

The table below shows a small subset of control nodes from each tier that directly plug in with the fixture. Refer to individual microsites above for more accessories that could be added based on application requirements.

ORDER CODE	MODEL NUMBER & LINK TO DATA SHEET	DESCRIPTION	QR CODE TO DATA SHEET	IMAGE
c-Max Basic				
108689	CNA-RDMSW ^{1,2}	BASIC CONTROL NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING , WHITE		
105567	CN-REMOTE	CONTROL NODE REMOTE CONTROL		
c-Max Network				
108688	NNA-RDMSW ^{1,2}	NETWORK NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING , WHITE		
109413	NNA-RDW ¹	NETWORK NODE (AJ) ROUND, BLUETOOTH, 12VDC, WHITE		
109114	NPP-EM ²	120-277V NETWORK UL924 EMERGENCY MODULE		
c-Max EasyRF				
113022	RFA-RDMSW ¹	EASYRF NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING , WHITE		
110962	RF-REMOTE	EASYRF REMOTE CONTROL COMMISSIONING TOOL		
c-Max Network Partners - Silvair				
114110	NNA-RDMSW-SL ¹	SILVAIR NETWORK NODE (AJ) ROUND, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE		

+ Note - This controls ready fixture is compatible with the c-Max platform supporting multiple tiers of controls. The table above shows a small subset of control nodes from each tier that directly plug in with the fixture. Refer to individual microsite above for more accessories that could be added based on application requirements

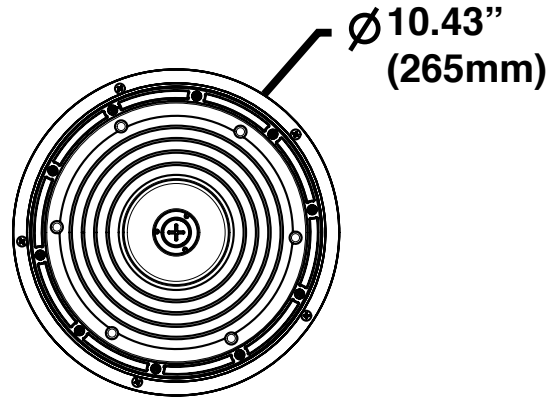
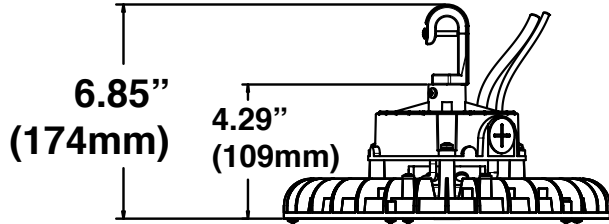
1. CNA-RDMSW, NNA-RDMSW, NNA-RDW, RFA-RDMSW & NNA-RDMSW-SL sensor won't function when BPHE2-PCDRP is installed or with Drop Lens accessory
2. For 120-277V Models, Emergency BBU and c-Max Basic controls nodes (CNA-RDMSW) are not compatible. If controls are needed when using Emergency BBU, need to purchase NPP-EM and c-Max Network nodes (NNA-RDW / NNA-RDMSW) separately.

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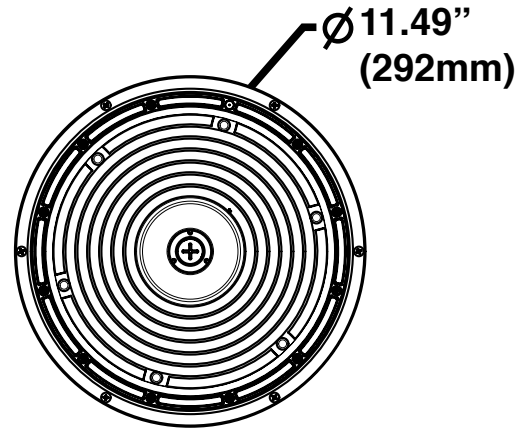
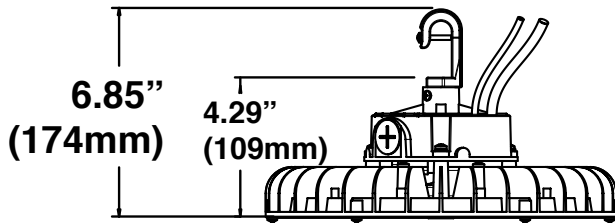
BPHE3 Series

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.