

PROJECT NAME: _____

CAT. #: _____

NOTES: _____

FIXTURE SCHEDULE: _____

Round Eco Pendant High Bay Gen 2

BPHE2 Series



Product Description:

The Round Eco Pendant High Bay Gen 2 is a Color and Wattage Selectable, 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
- Conforms to the requirements of NSF/ ANSI 2 - Food Equipment
- 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
- Field installable Emergency BBU available as accessory

Construction:

- Die Cast Aluminum
- Polycarbonate lens
- White polyester powder coat finish, also available in black as a special order

Listings:

- ETL Listed for Wet Locations

Ordering Information

FAMILY	-	TYPE	WATTAGE SELECTABLE	CCT
BPHE2 = Round Eco Pendant High Bay		U = 120-277V	090W = 90W/120W/150W 180W = 180W/200W/240W	CS = Color Selectable 3500K/4000K/5000K

*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.

Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID	PRIMARY USE DESIGNATION	CLASSIFICATION
108637	BPHE2-U090WCS	S-B6QJ7O	High-Bay Luminaires for Commercial and Industrial Buildings	Premium
108638	BPHE2-U180WCS	S-4GHZ6F	High-Bay Luminaires for Commercial and Industrial Buildings	Premium



10-year standard warranty with labor allowance (further details available at 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. 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. Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite. Excludes EM/MS versions; component warranty applies.

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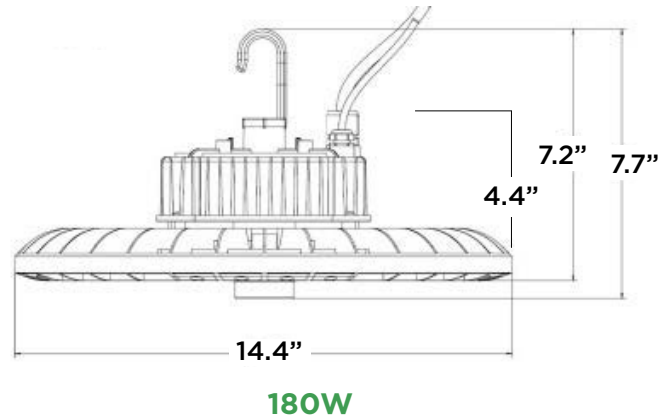
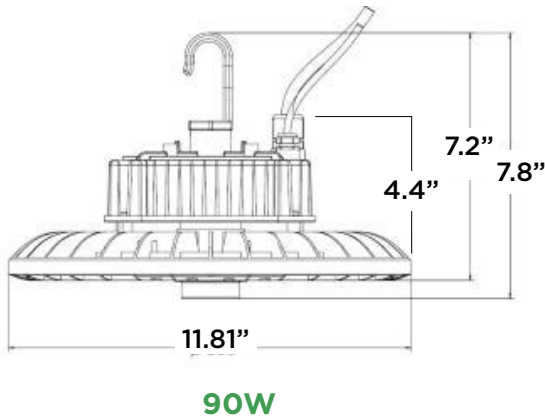
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Specifications

	BPHE2-090WCS				BPHE2-180WCS	
NOMINAL WATTAGE (W)	90	120	150	180	200	240
LUMENS delivered (lm)	12150, 13320, 12600*	16200, 17760, 16800	20250, 22200, 21000	24300, 26640, 25200	27000, 29600, 28000	32400, 35520, 33600
EFFICACY (lm/W)	135-148					
CRI	>80					
CCT (K)	3500K, 4000K, 5000K*					
L70 LIFETIME (hrs)	100,000 hr					
VOLTAGE	120-277V					
DIMMING	0-10V. Dimming Range: 20%-100%					
POWER FACTOR	>0.9					
SURGE PROTECTION	4KV					
MOUNTING	Hook mount standard, accessories for Stem mount and wall mount available					
OPERATING TEMPERATURE	-4°F - 122° F (-20°C to 50°C)					
HUMIDITY	95% RH non-condensing					
LISTINGS	cETLus listed, NSF, IP65					
QUALIFICATIONS	DLC Premium					
ENVIRONMENT	Indoor, Wet					
WARRANTY	10 Years					

*Fixtures are set to lowest wattage and 5000K as default factory setting

Dimensions



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. Photoelectric & Bluetooth networking	Bi-Level	Continuous Adjustment Mode (CAM)	c-Max App (iPhone or Android)	
NNA-RDW	Bluetooth Networking	NA	NA	c-Max App (iPhone or Android)	

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BPHE2 Series

Accessories (SOLD SEPARATELY)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
108845	BPHE2-WG1 ⁷	BPHE2 WIRE GUARD FOR 90WCS. 8.9IN (DIA) X 0.8IN (HEIGHT) INCLUDES HARDWARE (5PC OF CLIPS AND 5PC OF SCREWS)	
108846	BPHE2-WG2 ⁷	BPHE2 WIRE GUARD FOR 180WCS. 10IN (DIA) X 0.8IN (HEIGHT) INCLUDES HARDWARE (6PC OF CLIPS AND 6PC OF SCREWS)	
109411	BPHE2-WGS1	BPHE2 WIRE GUARD COMPATIBLE WITH SENSOR - FOR 90WCS 100CS 8.9IN (DIA) X 0.8IN (HEIGHT) WHITE FINISH. INCLUDES HARDWARE (5PC OF CLIPS AND 5PC OF SCREWS)	
109412	BPHE2-WGS2	BPHE2 WIRE GUARD COMPATIBLE WITH SENSOR - FOR 180WCS. 10IN (DIA) X 0.8IN (HEIGHT) WHITE FINISH. INCLUDES HARDWARE (6PC OF CLIPS AND 6PC OF SCREWS)	
14101065	BPHE-PPADPTR	BPHE PIPE ADAPTER (1/2" NPT TO 3/4"NPT)	
108844	BPHE2-UBRKT ¹	BPHE2 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 TRANSFER RING 11.6IN (DIA) - REQUIRED FOR PC BPHE2-PCSHD AND BPHE2-ALREF FOR 90WCS	
108842	BPHE2-PCSHD ³	BPHE2 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 090WCS MODELS	
108841	BPHE2-ALREF	BPHE2 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 090WCS MODELS	
108840	BPHE2-PCDRP	BPHE2 PC DROP LENS 15.9IN X 1.5IN. COMPATIBLE WITH BPHE2-PCSHD AND BPHE2-ALREF	
108699	EBUUP17515E0200A ^{4,8}	EMERGENCY LED DRIVER 100-347VAC 40W 175VDC MAX CONSTANT POWER FIELD INSTALLABLE (RUGBY SHAPED) FOR ROUND HIGHBAY. REMOTE RMRN1 SHOULD BE PURCHASED SEPARATELY TO TEST EMERGENCY FUNCTION.	
108901	RMRN1 ⁵	REMOTE CONTROL FOR BILLDA BBU EBUUP17515E0200A	
c-Max Basic			
105567	CN-REMOTE	CONTROL NODE REMOTE CONTROL	
108689	CNA-RDMSW ^{6,8}	BASIC CONTROL NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING, WHITE	
c-Max Network			
108688	NNA-RDMSW ^{6,8}	NETWORK NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING, WHITE	
109413	NNA-RDW ^{6,8}	NETWORK NODE (AJ) ROUND, BLUETOOTH, 12VDC, WHITE	

¹Fixture height when U Bracket is installed will be 7.8 in.

²BPHE2-TRNSFR to be purchased separately to install the PC DROP LENS, AL/ PC REFL on 90WCS.

³BPHE2-PCDRP to be used in combination of reflector or shade

⁴On EM Mode, fixture output us a minimum of 4200 lm for 90 minutes when fully charged.

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

⁶NNA-RDMSW sensor won't function when BPHE2-PCDRP is installed or with Drop Lens accessory.

⁷Wireguards and NNA-RDMSW, NNA-RDW, CNA-RDMSW sensor can't be installed together.

⁸NOTE - Emergency BBU and c-Max control nodes are not compatible. Do not install EM BBU on fixtures with control nodes.