

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 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 (NSF available on select 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
- 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

120-277V Highbay

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
			WATTAGE	
			100= 100W	

*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.

277-480V Highbay

FAMILY	-	TYPE	WATTAGE	CCT
BPHE2= Round Eco Pendant High Bay		H= 277-480V	150= 150W 240= 240W	50= 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.



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.

Round Eco Pendant High Bay Gen 2

BPHE2 Series

Stocked Items

ORDER CODE	MODEL NUMBER	DLC PRODUCT ID	PRIMARY USE DESIGNATION	CLASSIFICATION
108636	BPHE2-U100CS	S-PMNV5Z	High-Bay Luminaires for Commercial and Industrial Buildings	Premium
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
109015	BPHE2-H15050	S-S9I7DP	High-Bay Luminaires for Commercial and Industrial Buildings	Premium
109016	BPHE2-H24050	S-TUZO10	High-Bay Luminaires for Commercial and Industrial Buildings	Premium

120-277V Highbay Specifications

	BPHE2-U090WCS				BPHE2-U180WCS	
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 (NSF available on select models), IP65					
QUALIFICATIONS	DLC Premium					
ENVIRONMENT	Indoor, Wet					
WARRANTY	10 Years					

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

Specifications

	BPHE2-U100CS
NOMINAL WATTAGE (W)	100
LUMENS delivered (lm)	13500, 14800, 14000*
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 (NSF available on select models), IP65
QUALIFICATIONS	DLC Premium
ENVIRONMENT	Indoor, Wet
WARRANTY	10 Years

Round Eco Pendant High Bay Gen 2

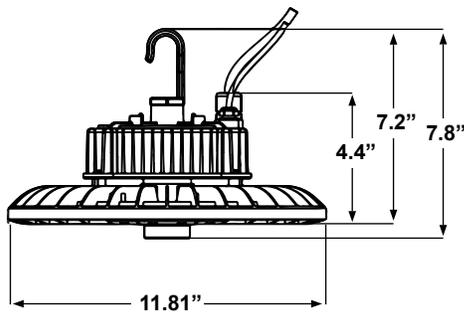
BPHE2 Series

277-480V Highbay Specifications

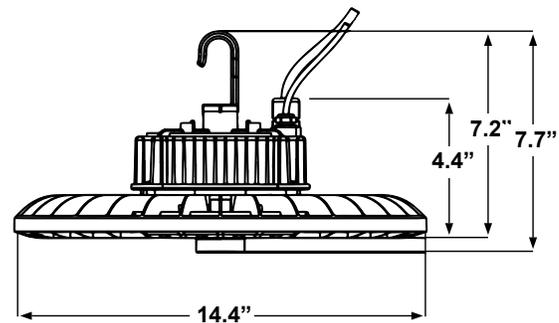
	BPHE2-H15050	BPHE2-H24050
NOMINAL WATTAGE (W)	150	240
LUMENS delivered (lm)	21000	33600
EFFICACY (lm/W)		140
CRI		>80
CCT (K)		5000K
L70 LIFETIME (hrs)		100,000 hr
VOLTAGE		277-480V
DIMMING		0-10V. Dimming Range: 20%-100%
POWER FACTOR		>0.9
SURGE PROTECTION		4KV
MOUNTING	Hook mount standard, accessories 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 (NSF available on select models), IP65	
QUALIFICATIONS	DLC Premium	
ENVIRONMENT	Indoor, Wet	
WARRANTY	10 Years	

Dimensions

120-277V Highbay

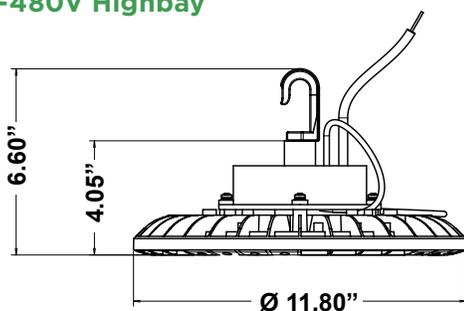


90W/100W

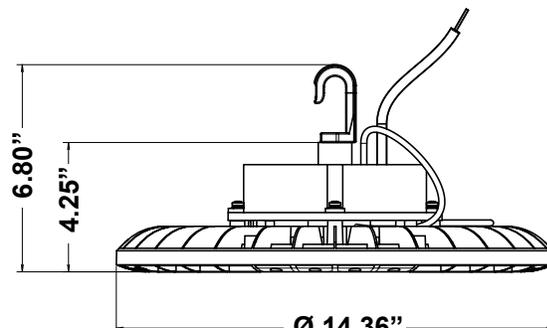


180W

277-480V Highbay



150W



240W

Round Eco Pendant High Bay Gen 2

BPHE2 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. 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)	

Accessories (SOLD SEPARATELY)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
108845	BPHE2-WG1 ⁷	BPHE2 WIRE GUARD FOR 90WCS AND 100CS MODELS. 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 AND 100CS MODELS	
108842	BPHE2-PCSHD	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 90WCS AND 100CS 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 90WCS AND 100CS MODELS	
108840	BPHE2-PCDRP ^{3,6}	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	NETWORK NODE (AJ) ROUND, BLUETOOTH, 12VDC, WHITE	

¹Fixture height when U Bracket is installed will be 7.6 in (excluding the sensor receptacle)

²BPHE2-TRNSFR to be purchased separately to install the PC DROP LENS, AL/PC REFL on 90WCS and 100CS

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.

⁶CNA-RDMSW & NNA-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. EM BBU and 347-480V option are not compatible.