

## LED HIGH BAY CIRCULAR PRO

PROJECT:	
CATALOG #	
TYPE:	DATE:

### DESCRIPTION

The Circular High Bay Pro eliminates complexity from lighting projects. Featuring selectable wattage and CCT, a durable prismatic lens, corrosion-resistant coating, and a patented all-in-one 120–480V driver, each fixture delivers up to nine unique combinations to cover virtually any application.

Contractors save time with its lightweight, easy-install design, while distributors streamline inventory and reduce SKUs. Built for performance and reliability, it delivers up to 167 LPW with DLC Premium certification for maximum rebates. 6kV surge suppression, and a 10-year, 100,000-hour warranty.

IP69K rated, the Litetronics LED Round High Bay Pro is designed for harsh industrial environments. Fully sealed, corrosion resistant housing protects against dust, moisture, and high pressure washdowns, delivering durable, reliable, energy efficient illumination.

Smart-control ready with sensor options and Bluetooth app integration, this LED high bay combines flexibility, efficiency, and durability allowing customers to power every project with confidence.

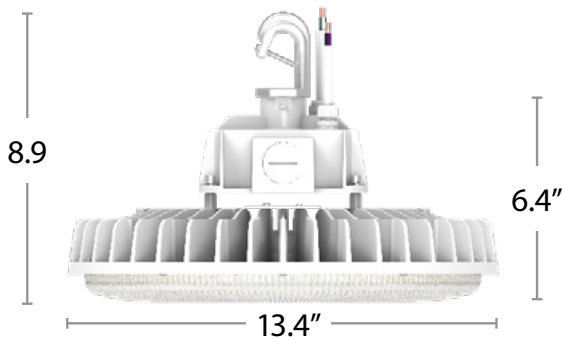


### FEATURES

- Selectable Watt & CCT
- All-in-One 120-480V
- DLC 5.1 Premium
- 160 | 167LPW
- IP67 & IP69K Rated
- IK08 Rated
- 100,000 Hour Rated Life & 10-year Warranty (At Standard Temp)
- Rated for Indoor/Outdoor
- 0-10V Dimming
- Polycarbonate Prismatic Lens
- Stainless Steel Hook (standard), or Swivel Yoke (optional) Mounting
- 10' cord
- Safety Cable
- Emergency Battery Backup Available
- Plug-in Sensor with Optional Mobile App Compatibility
- Corrosion Resistant Coating

### DIMENSIONS / WEIGHT

Dimension	Size (In)	Part	Weight (lbs)
Depth	13.4	HBCPxxx	9.92
Height	6.4		
Height (With Hook)	8.9		



### APPLICATIONS

- Warehouse & Storage Facilities
- Industrial Facilities
- Sports Facilities & Gyms (Not recommended for Swimming Pools)
- Manufacturing Facilities
- Retail Centers

### MOUNTING

- Stainless Steel Hook (Standard)
- Pendant
- Yoke

### CERTIFICATIONS



## SPECIFICATIONS

### Warranty:

Ambient Range (Ta)	Warranty Period	Rated Life Limit
Ta ≤ 55°C (131°F)	10 Years	100,000
55°C < Ta ≤ 65°C (149°F)	7 Years	70,000

### PERFORMANCE

#### Operating Temp:

**Standard Temp:** -40F to 131F (-40C to 55C)

**High Temp:** -40F to 149F (-40C to 65C)

**Efficacy (LPW):** HBCP150: 160 | HBCP240: 167

**CRI:** >80

### ELECTRICAL

**Input Voltage:** 120-480V

**Input Frequency:** 50/60Hz

**PF:** ≥95

**THD:** <15%

**Surge Protection:** 6KV

**Dimming:** 0-10V

**Whip/Cord:** 10'

**Sensor:** Plug-In Occupancy Motion (Microwave, PIR, and Bluetooth options)

### ORDERING

Ordering Code	Description	Watts	Volts	CCT (K)	Lumens
HBCP150	150W High Bay Circular Pro	75   115   150	120-480	3000K   4000K   5000K	12000   18400   24000
HBCP240	240W High Bay Circular Pro	150   190   240	120-480	3000K   4000K   5000K	25100   31700   40050

### ACCESSORIES



SCR053



SCR054



SC005



SC008



SC011



TR01



EBAM



HBCPAM20



HBCPAM21

Ordering Code	Description	Usage
SCR053	Remote Control for plug-in PIR and Microwave sensors	Used (with SC005 & SC006 sensor) to adjust settings from the ground after installation.
SCR054	Remote Control for bluetooth plug-in PIR and Microwave sensors	Used to Commission LiteTronics "Next Generation" LiteSmart IR-Enabled Sensor SC008 & SC011.
SC005	Plug-in PIR Sensor	Enable occupancy sensing and daylight harvesting on pluggable fixtures.
SC008	Plug-in Bluetooth PIR Sensor with IR	This sensor enables wireless control of fixtures, or groups of fixtures, through the LiteSmart mobile app.
SC011	Plug-In Bluetooth PIR Sensor with IR	This sensor enables wireless control of fixtures, or group of fixtures, through the LiteSmart mobile app.
TR01	Test Remote Control	Used for testing and demonstrating the functionality of EB20 & EB40P emergency battery backup.
EBAM	Adhesive-Mounted Indicator Module	This Adhesive-Mounted Indicator Module (EBAM) must be used with one of LiteTronics' emergency battery backup products (EB10, EB10N, EB20, or EB40P) to provide a visual confirmation of the operational status of the EBB unit. This module is typically used in open ceiling or drywall ceiling applications where the module is applied to the side of the fixture, mounting kit, or a nearby structural element.
HBCPAM20	Swivel Yoke Mount	Swivel Yoke Mount for High Bay Circular Pro.
HBCPAM21	Pendant Mount	Pendant Mount for High Bay Circular Pro.

### OPTICAL

**Beam:** 100°

**Lens:** Polycarbonate Prismatic

**UGR:** <28

### PHYSICAL

**Finish:** Powder Coat

**Color:** White

**Housing:** Cast Aluminum

### INDUSTRY STANDARDS/RATINGS

**IP:** IP67 & IP69K

**IK:** IK10

**Location:** Wet

**UL/ETL:** ETL

**FCC:** Yes

**RoHS:** Yes

**DLC:** 5.1 Premium

### MOUNTING

**Standard:** Stainless Steel Hook (standard), Pendant or Swivel Yoke (Optional)

## EMERGENCY BATTERY BACKUP

### Emergency Battery Backup Compatibility

EMBB	150W	240W
EB20 <sup>1</sup>	Yes	No
EB40P	Yes	Yes

#### Notes

1. To be used for 120-277V only. For higher volt applications, or if voltage is unknown, please use EB40P.

EB40P



EB20



Ordering Code	Description	Usage
EB20	20W Emergency Battery Backup (120-277V)	Supplies 90 minutes of battery backup to the fixture in times of a power outage. <ul style="list-style-type: none"> <li>This unit is compatible with fixtures using &gt;0W and ≤200W.</li> <li>Must be ordered with EBAM indicator module. Field installed.</li> </ul>
EB40P	40W Emergency Battery Backup (120-480V)	Supplies 90 minutes of battery backup to the fixture in times of a power outage. <ul style="list-style-type: none"> <li>This unit is compatible with fixtures using ≥80W and ≤300W.</li> <li>Must be ordered with EBAM indicator module. Field installed.</li> </ul>

Ordering Code	Description	Usage
BCS02	Solar Powered Bluetooth Control Switch	Used to control functionality of the fixture; on/off, dimming, daylight harvesting and scene selection. Solar Powered
BCS03	Battery Powered Bluetooth Wall Switch	Used to control functionality of the fixture; on/off, dimming, daylight harvesting and scene selection. Battery Powered
BCS05	AC Powered Bluetooth 7 Button Wall Switch	Used to control functionality of the fixture; on/off, dimming, daylight harvesting and scene selection. AC powered.



BCS02



BCS03



BCS05

## WIRELESS CONTROL WITH PLUGGABLE SENSORS

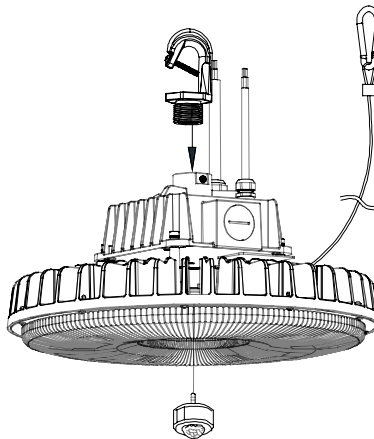


### LITESMART



LiteSmart is a mobile app that enables total management of lighting systems at the touch of your fingers. Within the app, all functionality can be set up and controlled; on/off, dimming, grouping, scene creation and time scheduling. Adjustments can also be made to the occupancy sensor and daylight harvesting settings, then implemented across an entire group in seconds. Giving you total control over your lighting system.

- Quick and easy changes that can be implemented in seconds across a group of fixtures
- Further energy reduction via occupancy sensing, daylight harvesting and max wattage control
- Ability to create custom scenes based on specific needs, such as presentations
- Time scheduling that sets hours of operation per day



The smart PIR sensor uses a remote control (SCR054) to commission and group Litetronics LiteSmart IR-Enabled SC008 & SC011 Sensor.



The smart PIR sensor uses the LiteSmart mobile app for group setup and management.



## WIRELESS SWITCH

Part #BCS02, BCS03 or BCS05

The bluetooth control switch comes in handy for the daily occupants of a space. This switch, which can be wall mounted, enables quick adjustments to be made to a specific group of fixtures. Features include on/off, dimming, daylight harvesting and scene selection. The switch must be set up through the LiteSmart mobile app, but can then function on it's own within any space.

### BENEFITS

- Control over key functions for a specific group of lights
- Adjustments are quick and easy, and create an optimized space for a variety of needs
- Further reduce energy via daylight harvesting function, or disable daylight harvesting for full brightness
- Ability to choose between custom scenes based on specific needs within the space

### SWITCH CAPABILITIES

- Enable/disable auto daylight harvesting
- Brighten/dim a group or turn on/off the entire group of fixtures
- Program up to 3 scenes per switch

**Disclaimer:** Specifications are subject to change without notice. While Litetronics makes every effort to ensure accuracy, we do not guarantee the completeness or reliability of the information provided. For the most current product data, please visit [www.litetronics.com](http://www.litetronics.com).