LITETRONICS®

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.

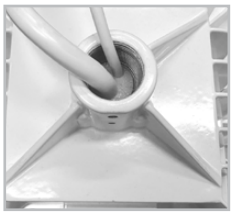
Contractors save time with its lightweight, easy-install design, while distributors streamline inventory and reduce SKUs. Built for performance and reliability, it delivers up to 167 LPW with DLC Premium certification for maximum rebates. 6kV surge suppression, and a 10-year, 100,000-hour warranty.

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 6.0 Premium
- 160 | 167LPW
- IP67 & IP69K Rated
- IK10 Rated
- 100,000 Hour Rated Life & 10-year Warranty (At Standard Temp)
- Rated for Indoor/Outdoor
- 0-10V DimmingCorrosion Resistant Coating
- 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

DIMENSIONS / WEIGHT

Dimension	Size (In)
Depth	13.4
Height	6.4
Height (With Hook)	8.9

Part	Weight (lbs)
HBCPxxx	9.92



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

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www.Litetronics.com

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)

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: 6.0 Premium

MOUNTING

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

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

Accessories - Sensors & Controls

Ordering Code	Image	Description	Usage
SC005		Plug-in PIR Sensor For Up to 40 Ft. Max Mounting Height	Enable occupancy sensing and daylight harvesting on pluggable fixtures. Settings can be easily adjusted via remote control SCR053, sold separately. Maximum operating height 40 ft. Max.
SC008		Plug-in Bluetooth PIR Sensor with IR For Up to 40 Ft. Max Mounting Height	This sensor enables wireless control of fixtures, or groups of fixtures, through the LiteSmart mobile app. Maximum operating height 40 ft. Max
SC011		Plug-In Bluetooth PIR Sensor with IR For Up to 40 Ft. Max Mounting Height	This sensor enables wireless control of fixtures, or group of fixtures, through the LiteSmart mobile app. Maximum operating height 40 ft. Max
SC016		Plug-In PIR Sensor For Up to 50 Ft. Max Mounting Height	This sensor enables occupancy sensing and daylight harvesting. Settings can be easily adjusted via remote control SCR053, sold separately. Maximum operating height 50 ft. Max.
SCR053		Remote Control for plug-in PIR and Microwave sensors	Used to adjust sensor settings after installation, from the ground. (For use with SC005, SC016)
SCR054		Remote Control for bluetooth plug-in PIR and Microwave sensors	Used to Commission LiteTronics "Next Generation" LiteSmart IR-Enabled Sensor. (For use with SC008 & SC011)

Accessories - Switches

Ordering Code	Image	Description	Usage
BCS03		Battery Powered Bluetooth Wall Switch	Used to control functionality of the fixture; on/off, dimming, daylight harvesting and scene selection. Battery Powered. Dimensions: 1-1/4" width x 2 5/8"height x 1/2"depth.
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.

Note: Switches don't have CCT selectable capability.

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.

Accessories - Mounts

Ordering Code	Image	Description	Usage
HBCPAM20		Swivel Yoke Mount	Swivel Yoke Mount for High Bay Circular Pro.

EMERGENCY BATTERY BACKUP

Emergency Battery Backup Compatibility

EMBB	150W	240W
EB20[1]	Yes	No
EB40P	Yes	Yes

EB20 

EB40P 

TR01 

EBAM 

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

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. • This unit is compatible with fixtures using >0W and ≤200W. • Must be ordered with EBAM indicator module. Field isntalled.
EB40P	40W Emergency Battery Backup (120-480V)	Supplies 90 minutes of battery backup to the fixture in times of a power outage. • This unit is compatible with fixtures using ≥80W and ≤300W. • Must be ordered with EBAM indicator module. Field installed.
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 (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.

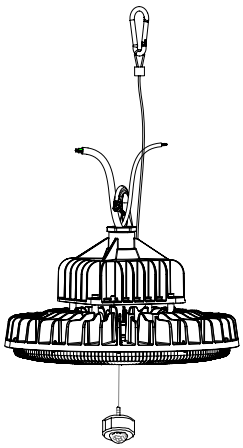
WIRELESS CONTROL WITH PLUGGABLE SENSORS

LITESMART

Download on the App Store | GET IT ON Google Play

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 #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

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