LITETRONICS®

LED HIGH BAY PL

DESCRIPTION

The LED High Bay PL delivers top of the line efficiency, durability and versatility, resulting in significant energy savings, low maintenance and adaptability across a wide range of high ceiling applications.

The PL's unique look sets it apart from the competition, but there's more to this fixture than aesthetics. The one-piece polycarbonate prismatic lens distributes even illumination, minimizing glare while also guaranteeing long term durability. The die cast aluminum heat sink separates the LEDs from the driver, creating enhanced air flow, lower operating temperature and better efficiency.

Each unit can accomodate a pluggable sensor that enables increased energy saving features such as occupancy sensing and daylight harvesting, both of which can be adjusted via remote control. Our Smart Sensor enables the same energy saving features, but can be setup and managed on a group level via the LiteSmart mobile app.

FEATURES

- Plug-in sensor with optional mobile app compatibility
- DLC Premium (pending)
- 140 LPW
- Polycarbonate prismatic lens
- IP69K rated
- IK10 rated
- High temperature option (149°F) with replaceable driver and corrosion resistant coating option
- 100,000-hour rated life
- 10-year warranty
- Rated for indoor/outdoor use
- 120-277V & 277-480V available
- 0-10V dimming
- Hook, pendant or yoke mounting
- 10' cord
- Safety cable
- Emergency battery backup available

APPLICATIONS

- Warehouse & storage
- Industrial facilities
- Sports facilities & gyms
- Manufacturing facilities
- Retail centers

MOUNTING

- Hook
- Pendant
- Yoke

CERTIFICATIONS

Litetronics, Inc. | **6969 W. 73rd St. Bedford Park, IL 60638** | **Tel: 800-860-3392** | **customerservice@litetronics.com**

www.Litetronics.com

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SPECIFICATIONS

Average rated life (@L70): 100,000 hours

Warranty: 10 year

Operating temperature
Standard fixture: -40°F to 113°F
High temperature fixture: -40°F to 149°F

Input voltage: 120-277V or 277-480V

Input frequency: 50/60 Hz

Surge protection: 10KV/5KA as per ANSI 82.77

THD: ≤ 20%

UGR: < 28

Power factor: ≥0.9

Beam angle: 110°

CRI: 83

Location rating: Wet

IP rating: 69K
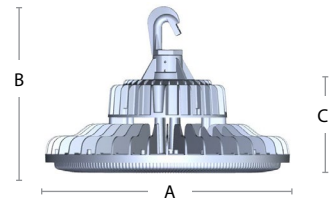
IK rating: 10

Dimming: 0-10V DC (dims to 6%)

Weight: 15 lbs.

UL/cUL listed: Yes

RoHS compliant: Yes

DLC rating: Premium (pending)

DIMENSIONS

	STANDARD TEMP	HIGH TEMP
A	14.17"	14.17"
B	9.55"	10.65"
C	6.76"	7.85"

ORDERING

STANDARD TEMPERATURE (-40°F TO 113°F)

ORDERING CODE	DESCRIPTION	VOLTS	WATTS	LUMENS	CCT (K)
HBC11550	120-277V 115W High Bay PL in 5000K	120-277	115	16,100	5000
HBC17540	120-277V 175W High Bay PL in 4000K	120-277	175	24,500	4000
HBC17550	120-277V 175W High Bay PL in 5000K	120-277	175	24,500	5000
HBC17550HV	277-480V 175W High Bay PL in 5000K	277-480	175	24,500	5000
HBC24040	120-277V 240W High Bay PL in 4000K	120-277	240	33,600	4000
HBC24050	120-277V 240W High Bay PL in 5000K	120-277	240	33,600	5000
HBC24050HV	277-480V 240W High Bay PL in 5000K	277-480	240	33,600	5000

HIGH TEMPERATURE (-40°F TO 149°F) WITH CORROSION RESISTANT COATING

ORDERING CODE	DESCRIPTION	VOLTS	WATTS	LUMENS	CCT (K)
HBC17550T	175W High Temp High Bay PL in 5000K	120-277	175	24,500	5000
HBC22050T	220W High Temp High Bay PL in 5000K	120-277	220	30,800	5000

ACCESSORIES

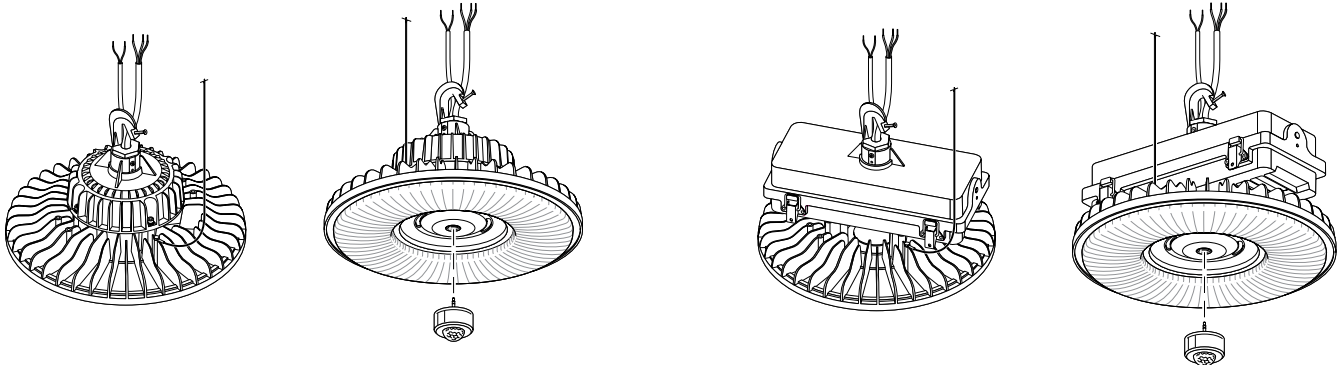| SCR053 | SC005 | SC007 | HBCAM03 | EB20 | EBAM |

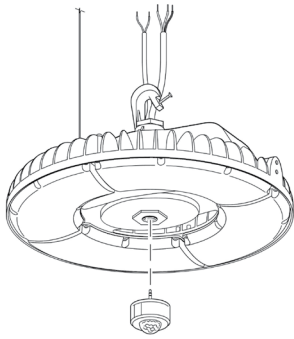| ORDERING CODE	DESCRIPTION	USAGE
SCR053	Remote Control for plug-in PIR and Microwave sensors	Used (on sensor model only) to adjust sensor settings after installation, from the ground.
SC005	Plug-in PIR Sensor	Enable occupancy sensing and daylight harvesting on pluggable fixtures.
SC007	Plug-in Smart Sensor	Enable occupancy sensing, daylight harvesting, and group control via LiteSmart mobile app.
HBCAM03	Swivel Yoke Mount Bracket	Used (on standard temp model only) to direct light at various angles from wall or ceiling mounted position
EB20	20W Emergency Battery Backup	Supplies 90 minutes of battery backup to the fixture in times of a power outage. This unit is compatible with fixtures using >100W and <200W. It is not recommended with sensor usage.
EBAM	Adhesive-mounted Indicator Module	This unit is used in drywall/open ceiling applications. It connects to the EB20 and is mounted via adhesive to the side of the fixture, where it displays the unit's current status of operation.

PRODUCT OVERVIEW & INSTALLATION

STANDARD TEMPERATURE: -40°F to 113°F   **HIGH TEMPERATURE:** -40°F to 149°F

WIRELESS CONTROL WITH PLUGGABLE SENSORS

The standard PIR sensor uses a remote control for easy setup and control of individual fixtures.

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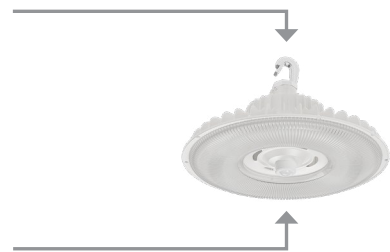

LITESMART

[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.

- 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

Set up and manage your space with LiteSmart.
Use the remote switch for everyday control.