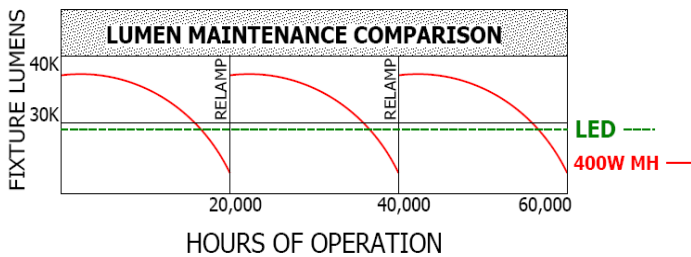
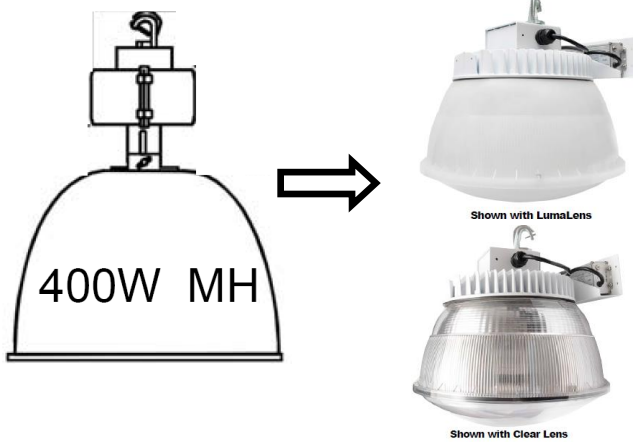
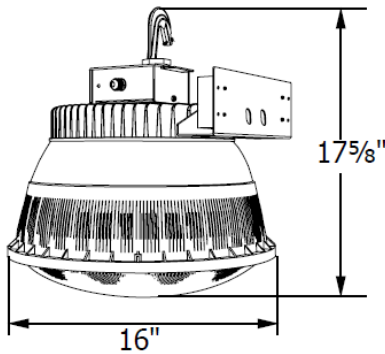


# PowerLux® 16" Low Profile COB LED HighBay with Uplight



## FIXTURE DIMENSIONS:



## ORDERING INFORMATION:

Model No.	Wattage	CCT	Lens	Input Voltage	Additional Options (factory installed)	Dimmable Motion Sensor
PLEDCHB1617	120W 200W	5K=5000K	CO=Clear Upper, No Bottom Lens CC=Clear Upper, Standard Clear Lower CP=Clear Upper, Clear Prismatic Lower CL=Clear Upper, LumaLens Lower LO=LumaLens Upper, No Bottom Lens LC=LumaLens Upper, Standard Clear Lower LP=LumaLens Upper, Clear Prismatic Lower LL=LumaLens Upper, LumaLens Lower	U=120-277V UH=347/480V	SF=Single Fuse DF=Double Fuse SP=Surge Protector WG= Wire Guard SC= Steel Safety Chain Note: For Plugs and Cords options, see chart below	DMS= Dimmable Motion Sensor DMSP= Dimmable Motion Sensor with Photocell

Part Number Example: PLEDCHB1617/200/5K/LL/U/SP/DMS

Description: PowerLux® 16" Low Profile LED COB HighBay Luminaire, 200W, 5000 Kelvin, LumaLens Upper and LumaLens Lower Lens (22,873 Lumens), 120-277V, Surge Protector, Dimmable Motion Sensor

Catalog#		Type
Project		
Note		Date
Prepared by		

## APPLICATIONS

For gymnasiums, large retail stores, sport arenas, factories, warehouses, or for general illumination. Designed to replace HID lighting systems up to 400W MH. Suitable for 10 to 40 foot mounting heights based on light level

## HOUSING FEATURES:

- Die cast aluminum housing with external heat sinks for cooler operating temperatures. Externally mounted driver
- White Powdercoat finish over a chromatic conversion coating
- Mount with included 1" malleable hook. Adjustable junction box also accepts 3/4" conduit

## LENS:

Clear or LumaLens Polycarbonate Refractors. Can be Used Open or with Clear Smooth, Clear Prismatic or LumaLens Prismatic Bottom Lenses.

## LED ARRAY FEATURES:

- CRI: 80
- CCT: 5000K
- **Delivered lumens:**  
LumaLens/LumaLens-LL: 200W=22,873  
LumaLens-Clear-LC: 200W=23,016  
Clear/Clear-LC: 200W=26,997  
5-Year warranty

## SYSTEM WATTAGE:

- 120W (250W HID equivalent)
- 200W (400WHID equivalent)

## LED DRIVER:

- Instant ON and instant re-strike with back-to-full brightness
- Voltage Input: 120-277V, 50/60Hz **OR** 347/480V, 50/60Hz

## BI-LEVEL DIMMABLE MOTION SENSOR:

- Optional. Can be easily added to the fixture

## Listing & Rating

- CSA: Listed for dry locations. IP54 with lenses; IP44 Open
- Operating temperatures: -40°C to +50°C
- DLC pending
- Calculated L70 @25°C=78,000 Hours

## Assembled in the USA

PowerLux® Corporation

**U.S. Manufacturer of Sustainable Energy Efficient Lighting Products**

1260 Liberty Way, Suite E Vista, CA 92081 Phone: 760-727-2360 Fax: 760-434-4766

Website: [www.powerlux.com](http://www.powerlux.com) E-mail: [klpowerlux@gmail.com](mailto:klpowerlux@gmail.com)

**PowerLux® Products Have Stood the Test of Time!**

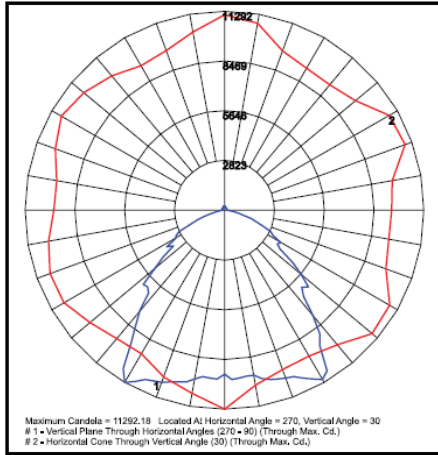
Based on prevailing model. Efficiency of the LED driver and efficacy of LED modules are ever improving. Please contact PowerLux® for latest updated information.

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Patents pending  
Specifications subject to change without prior notice  
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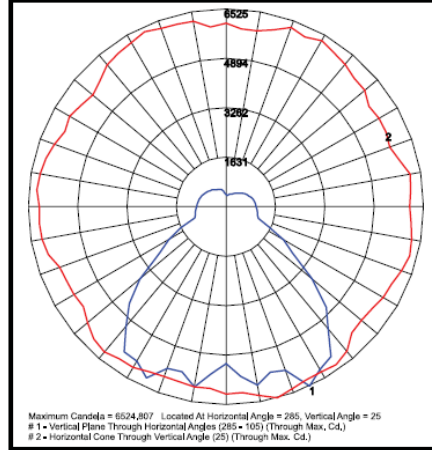
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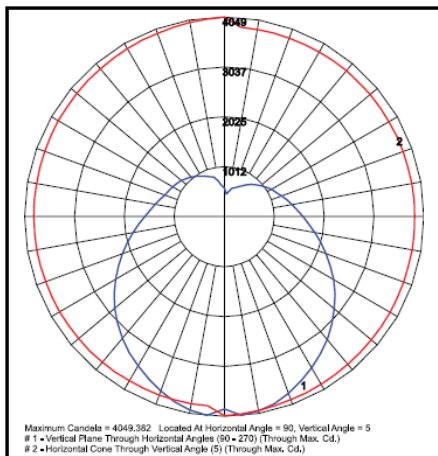
## PHOTOMETRICS:



**200W with Clear Upper, Standard Clear lower and 5000K CCT**







**200W with LumaLens Upper, Standard Clear Lower and 5000K CCT**



**200W with LumaLens Upper, LumaLens Lower and 5000K CCT**

## Plugs and Cords:

			
<b>C6</b> =6ft. white cord, 300VAC, 3 wire, Leads	<b>L5</b> =6ft. white cord, 3 wire L5-15P Twist-Lock Plug	<b>L7</b> =6ft. white cord, 3 wire L7-15P Twist-Lock Plug	<b>C66</b> =6ft. black cord, type STW, 600VAC, 3 wire, leads

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## Bi-Level Dimmable Motion Sensor



### Bi-Level Dimmable Motion Sensor Features:

- Use for Controlling PowerLux® HighBays in commercial, warehouse, retail, schools, and industrial applications
- Detection Range: 360°, Up to 48 Feet
- Time Delay: 5s, 30s, 90s, 3min, 20min, & 30min
- Detection Motion Speed: 2 to 10 Feet per second
- Installation Height: 10' to 48'
- Detection Zone: 52 feet diameter x 48 Feet High
- Daylight Sensor: 3 light level settings for daylight harvesting
- Vacant to Dim Settings: 10%, 20%, 30%, 50%
- Vacant Stand-by Delay: 5s, 5min, 10min, 30min, & 60min
- Ambient Temp: -35°C to 70°C
- Relative Humidity: <93%
- Power Consumption: 1.5w (Static 0.8w)
- Load Rating:  
400w (120VAC), 800w (277VAC) - Inductive Load  
800w (120VAC), 1200w (277VAC) - Resistive Load
- Housing: IP65
- Cord: 30" 5-Wire white cord with Liquid-Tight connector at sensor housing

### Program Settings:

- Detection Area (50%, 100%)
- Hold Time (Vacant Off Delay)
- Standby Period (Time for Low Level Before Off After Vacant Delay)
- Standby Dimming (Level Selection for Low Level Before Off)
- Daylight Sensor (Daylight Harvesting)

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