



OVERVIEW

The XHB series LED High Bays are high performance and high efficient luminaires with advanced thermal management and unique architecture design. These luminaires are IP56 rated, dimmable. It's offered with a wide range of mounting options, light color temperatures, and lighting controls.

APPLICATIONS

This light can be used for indoor or outdoor applications. Typically used for halls, warehouses and gymnasiums.

- Limited Warranty: 5 Years
- Efficacy: up to 141 LPW
- Lumen Output: 20,700 - 28,200 LM
- Wattage: 150 - 200 W



Project:

Type:

Prepared By:

Date:

Models

Model	Watts(W)	Lumens (LM)	Efficacy (LPW)
XHB150	150	20,850	139
XHB200	200	27,800	139

Lumen Output based on models at 5000K(DW), 120° beam angle. Also available in Color Temperatures of 3000K, 4000K and 5700K. and beam angel of 60° and 90°

Technical Specifications

Warranty

PacLights warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

ETL Listed

IESNA LM79 & LM-80 Testing:

Paclights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Qualification:

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.

Construction

IP Rating:

Ingress Protection rating of IP56 for dust and water

Ambient Temperature:

Suitable for up to 122° F (50° C) ambient temperature

Cold Weather Starting:

The minimum starting temperature is -40 F° (-40° C)

Thermal Management:

Superior thermal management with internal fan.

Housing:

Die-cast aluminum and PC housing

Mounting Methods:

Hook mount (included), Conduit mount (included)

Mogul (E39) bulb base (included)

U bracket trunnion mount. (optional)

LED Characteristics

LEDs:

Long-life, high-efficiency surface mounting LEDs

Color Temp: 3000K, 4000K, 5000K, 5700K

Color Accuracy: >80 CRI

Construction (continue)

Gaskets:

Silicon Gaskets

Finish:

Our environmentally friendly polyester powder coating are formulated from high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Lens:

Polycarbonate

Driver Info

Input Voltage: AC100-277V, 50-60 Hz

1-10 V / PWM Dimmable

optional 480v upgrade with

external stepdown transformer

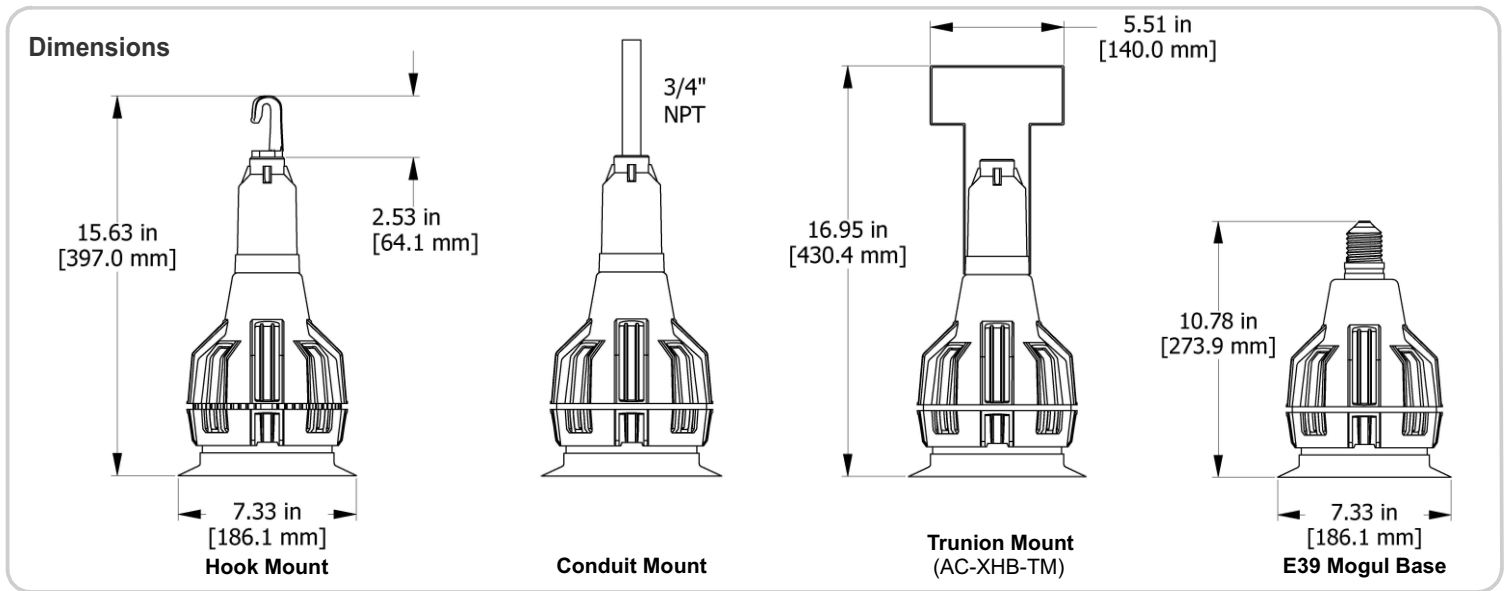
Power Factor : >0.95

Operating Temperature: - 40° F (-40° C)
to 122° F (50° C)

Wattage: 150±5 W, 200±5 W

Ordering Matrix

Family	Model	Color Temperature	Housing Color	Beam Angel	Mount Option	Function Option
XHB	150	DW	W	120A	H	N
	150 = 150W 200 = 200W	WW = 3000K NW = 4000K DW = 5000K CW = 5700K	B = Black W = White	60A = 60° 90A = 90° 120A = 120°	H = Hook/Conduit Mount U = Trunnion Mount M = Mogul(E39) Bulb Base	S = Motion Sensor (AC-HUP-MO) N = No Sensor



SE-BC-BRI819
 Microwave Motion Control

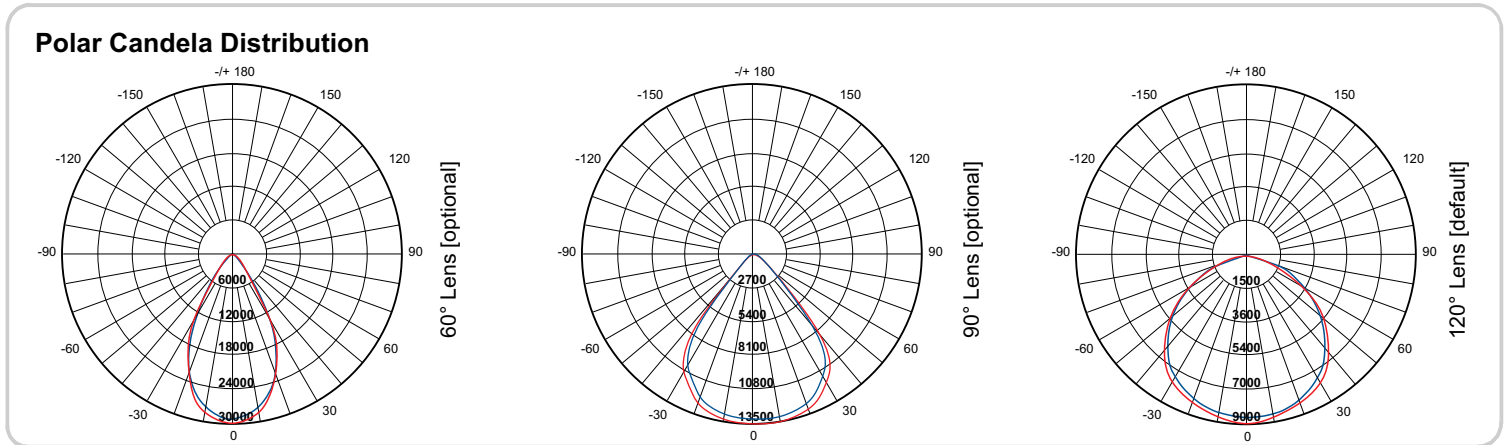
Bi-Level Microwave Motion Sensor controls the dimming drivers to offer 3 levels of control: 100%--dimming (10%, 30%, 50%)--off. Its detection range is 50ft, radius is max 30ft, at 5.8GHz.

AC-XHB-TM
 U Bracket / Trunion Mount

Trunion mount makes it possible for XHB luminaire to be mounted to a surface without using a chain, and the mounting angle can be adjusted.

AC-XHB-L60 AC-XHB-L90
 60° or 90° Lens

AC-XHB-L60 & AC-XHB-L90 Lens are used to replace the default lens from the XHB luminaire to change the beam angle from 120° to 60° and 120° to 90°, respectively.



Illuminance at Distance

XHB150W (120° Lens)				XHB200W (120° Lens)			
Distance	Center Beam	Beam Width	Beam Length	Distance	Center Beam	Beam Width	Beam Length
6 ft	227.79 fc	16.1 ft	15.9 ft	6 ft	265.03 fc	17.2 ft	17.2 ft
12 ft	55.70 fc	32.3 ft	31.9 ft	12 ft	66.26 fc	34.4 ft	34.4 ft
18 ft	24.75 fc	48.4 ft	47.8 ft	18 ft	29.45 fc	51.6 ft	51.6 ft
24 ft	13.92 fc	64.6 ft	63.8 ft	24 ft	16.56 fc	68.8 ft	68.8 ft
30 ft	8.91 fc	80.7 ft	79.7 ft	30 ft	10.60 fc	85.9 ft	86.0 ft