

# LED Circular Highbay



SSL-CHB3	Segment	Wattage Range	Lumen Range
	Industrial & Commercial	Selectable Wattage (90W-240W)	13,800-37,000lm

## Features

- Pressure Diecast Aluminum Housing with Driver enclosure for better Thermal Management.
- NEMA 4X & NSF Certified, IP65 rated with operating temperature range of -20° C ~ +50° C.
- Field Selectable CCT (4000K & 5000K) & Wattage (90W - 150W in 150M & 180W - 240W in 240L model) along with 120-347 V Auto Sensing Driver.
- Superior efficacy of  $\geq 150$  lm / W, Impact Resistant premium grade PC Lens designed for even light distribution.
- 10' White Power cord

## Specifications

### Housing:

Aluminum alloy pressure die casted housing & control gear box for better heat dissipation.

### Optics:

Impact & UV Resistant PC Lens – IK08, for even and glare free distribution.

### Mounting:

Hook (supplied), U bracket (for pendant or adjustable mounting), Linkable mounting bracket.

### Driver:

120-347 V Auto Sensing Driver options with Operating temperature range of -20° C ~ +50° C.

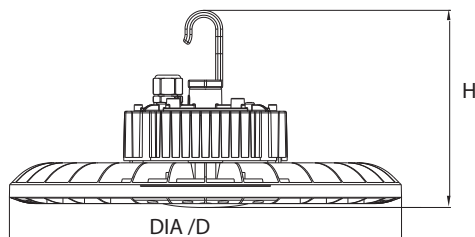
### LED:

Field Selectable CCT of 4000K & 5000K. Efficacy of  $\geq 150$ lm/w.

### Controls:

Compatible with 0-10V Dimming and Bi-level Microwave sensor.

## Dimensional Drawing



	DIA / D	H
SSL-CHB3/150M	11.41"	5.87"
SSL-CHB3/240L	13.78"	6.33"



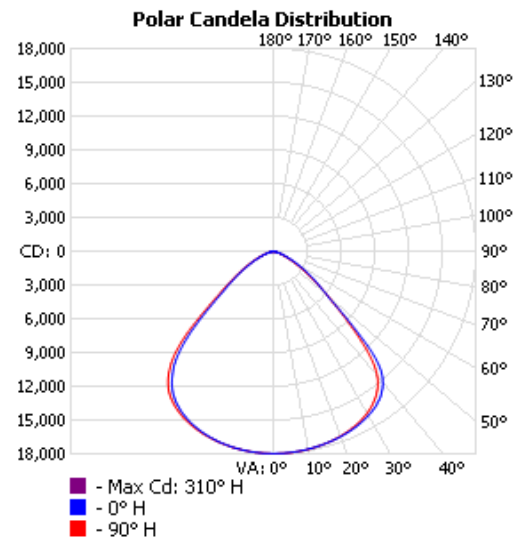
NEMA 4X

NSF

IP65



## Polar Candela



## Applications



Warehouses



Factory



Exhibition Halls



Retail

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SSL-CHB3	Segment	Wattage Range	Lumen Range
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## Ordering Information Example: SSL-CHB3/150M/MW/MK/120-347V/HK/D

Family Name	Fixture Type	Size	Wattage	CCT	Voltage (V)	Mounting	Dimmable	Finish
SSL (Solid state lighting)	CHB3 (Circular Highbay)	150M (Medium size, Max. 150W) 240L (Large size, Max. 240W)	MW (Selectable Wattage)	MK (Selectable Kelvin)	120-347V	HK (Hook mounting)	D (0-10V dimming)	Blank (White) BK (Black)

## Product Specification

Ordering Code	DLC Premium	Model Number	Wattage (W)	Input Voltage(V)	Hour Rating	Initial Delivered Lumens (lumen)	CCT (K)	CRI	Optics/ Distribution	Dimension DIA×H(inch)	Case	QTY.
3682281	Yes	SSL-CHB3/150M/MW/MK/120-347V/HK/D	150-120-90	120-347	54,000	23000-18400-13800	40-50	≥80	Type V	11.41×5.87	1	
3682282	Yes	SSL-CHB3/240L/MW/MK/120-347V/HK/D	240-200-180	120-347	54,000	37000-30800-23700	40-50	≥80	Type V	13.78×6.33	1	
3682283	Yes	SSL-CHB3/240L/MW/MK/120-347V/HK/D/BK	240-200-180	120-347	54,000	37000-30800-23700	40-50	≥80	Type V	13.78×6.33	1	
3660328	-	TL-HB/Controller/Microwave/PIR	HighBay 12V DC Microwave Sensor RMS1 Advanced Remote Control									
3660327	-	TL-HB/Sensor/Microwave	HighBay 12V DC Microwave Plug In Sensor 3.5mm Audio Jack									
3660329	-	TL-HB/Sensor/PIR	HighBay 12V DC PIR Plug In Sensor 3.5mm Audio Jack									
3660371	-	TL-HB/Sensor/Microwave1	ANT-5-4T - HighBay 12V DC Microwave Plug In Sensor 3.5mm Audio Jack									
3466210	-	TL-HB/SENSOR/PIR1	ANT-6-4T - HighBay 12V DC PIR Plug In Sensor 3.5mm Audio Jack									
3466211	-	TL-HB/CONTROLLER/MICROWAVE1/PIR1	RC-100 remote									
3660167	-	SSL-CHB/YOKE	SSL CHB HighBay Optional Yoke Mount, 240L housing.									
3660191	-	SSL-CHB/YOKE/M	SSL CHB HighBay Optional Yoke Mount, 150M housing.									
3660168	-	SSL-CHB/PEN/ADT	SSL CHB HighBay Optional 3/4" Pendant Adapter to be installed on Yoke Mount Bracket.									
3660161	-	SSL-CHB/150M/PC/HOOD	SSL CHB Polycarbonate Hood for 150M									
3660162	-	SSL-CHB/240L/PC/HOOD	SSL CHB Polycarbonate Hood for 240L									
3660165	-	SSL-CHB/150M/WG	SSL CHB HighBay Wire Guard for 150M									
3660166	-	SSL-CHB/240L/WG	SSL CHB HighBay Wire Guard for 240L									

### NOTE:

- Microwave can penetrate walls or glass thinner than 20cm, movement in adjacent corridors may be detected.
- Detection area will be affected by speed of motion, mounting height and movement volume.
- Installation shall not be mounted to avoid false trigger caused by the luminaire itself shaking. (Rooftop HVAC, upper floor vibration, etc.)
- Shall not be installed next to large operating machines such as ventilator/ceiling fan to avoid false triggering caused by machine vibration.
- They cannot penetrate metal. Large metal object near the sensor may create a "dead zone" behind it.
- Microwave sensors have advantage over PIR device in that they can operate in hot environments, however, they are sensitive devices and can be prone to false detection by everyday items like ceiling fans, moving branches or curtains, loose packaging, etc.

Other options may be available, consult Turolight Sales. Specifications and data are subject to change without notice.  
Microwave sensors should be tested before, if used in close proximity to Airports / Communication towers etc.

## Related Products



Linear Highbays



DL-EC2



DL-VT2



Running man sign