

LED Circular Highbay



SSL-CHB3/300XL	Segment	Wattage Range	Lumen Range
	Industrial & Commercial	300-200W	48,000 – 32,000lm

Features

- Pressure Diecast Aluminum Housing with Driver enclosure for better Thermal Management.
- DLC Premium, NEMA 4X & NSF Certified, IP65 rated with operating temperature range of -20 °C ~ +50 °C (300W rating).
- 240 & 200W Setting Ambient operating temperature range of -20 °C ~ +55 °C
- Field-Selectable CCT: 4000K / 5000K
Field-Selectable Wattage: 200W / 240W (Natatorium approved); remove locking plate to enable 300W for non-natatorium applications.
Driver: 120–347V auto-sensing
- Superior efficacy of 160 lm / W, Impact Resistant premium grade PC Lens designed for even light distribution.
- 10' White Power cord
- Suitable for use in Natatorium at 240-200W Selection
- Special Coated Lens and Hardware for Natatorium Application
- 6KV Surge Protection

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. Special Coating to withstand Nata environment.

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 ~ +55 °C.

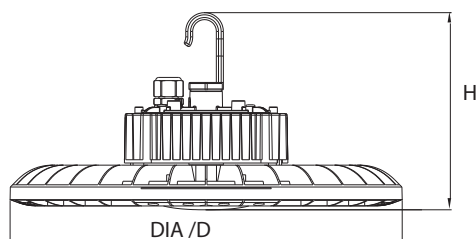
LED:

Field Selectable CCT of 4000K & 5000K. Efficacy of 160lm/w.

Controls:

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

Dimensional Drawing



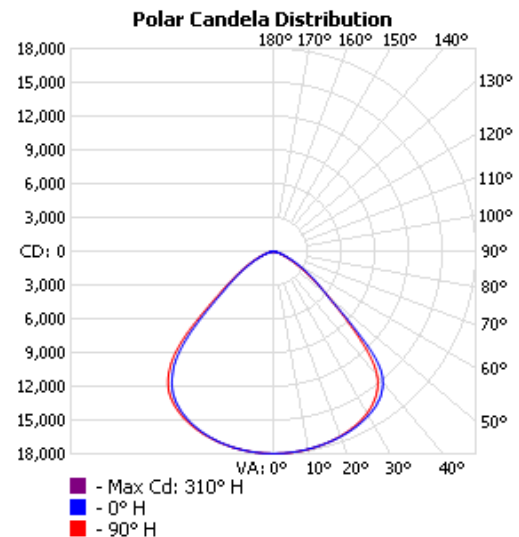
	DIA/ D	H
SSL-CHB3/300XL	13.8"	5.83"



NEMA 4X NSF IP65



Polar Candela



Applications



Warehouses



Factory



Exhibition Halls



Retail

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Ordering Information Example: SSL-CHB3/300XL/MW/MK/UN3/HK/D

Family Name	Fixture Type	Size	Wattage	CCT	Voltage (V)	Mounting	Dimmable
SSL (Solid state lighting)	CHB3 (Circular Highbay)	300XL (X Large size, Max. 300W)	MW (Selectable Wattage)	MK (Selectable Kelvin)	120-347V	HK (Hook mounting)	D (0-10V dimming)

Product Specification

Ordering Code	DLC Premium	Model Number	Wattage (W)	Input Voltage(V)	Hour Rating	Initial Delivered Lumens (lumen)	CCT (K)	CRI	Optics/ Distribution	Case QTY.
3662279	Yes	SSL-CHB3/300XL/MW/MK/UN3/HK/D	300-240-200	120-347	54,000	48000-38400-32000	40-50	≥80	Type V	1

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.