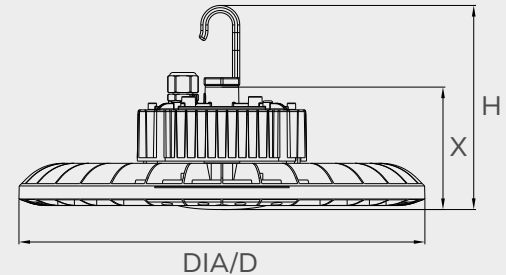




TECHNICAL DRAWING



| DIA/D | H | X |
|--------|-------|-------|
| 11.50" | 7.24" | 4.33" |



DESCRIPTION

Explore our advanced LED highbay, specially designed for factories, warehouses, commercial spaces and areas with high ceilings. Its sleek, round design, available in a white or black finish, not only delivers optimal brightness but also enhances any industrial or commercial space with a touch of elegance. This LED highbay allows exceptional flexibility thanks to its adjustable color temperature options of 4000K or 5000K, as well as variable powers of 180W, 200W and 240W. With a light emission capacity ranging from 23,700 to 37,000 lumens depending on the wattage and an estimated lifespan of 54,000 hours.

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 (180W / 200W / 240W) along with 120-347V Auto Sensing Driver.
- Superior efficacy of ≥ 150 lm / W, Impact Resistant premium grade PC Lens designed for even light distribution.
- 10' White Power cord

SPECIFICATION

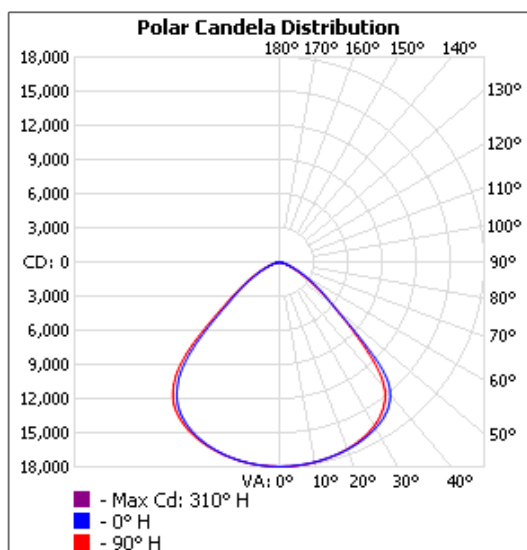
| | |
|-----------------|---|
| Housing | : Aluminum alloy pressure die casted housing & control gear box for better heat dissipation. |
| Optics | : Impact & UV Resistant PC Lens, for even and glare free distribution. |
| Mounting | : Hook (supplied), U bracket (for pendant or adjustable mounting), 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 ≥ 150 lm/w. |
| Controls | : Compatible with 0-10V Dimming and Bi-level Microwave sensor. |

PRODUCT SPECIFICATION

| Model | Wattage (W) | Efficiency (Lm/W) | Lumen | Input Voltage (V) | Hour Rating | CCT (K) | CRI | Standard |
|------------------------------|-------------|-------------------|-------------------|-------------------|-------------|--------------------|-----|-------------------------|
| LCHBU-180-200-240W-MKWV-x*-T | 180-200-240 | 150 | 23700-30800-37000 | 120-347 | 54 000 | 4000-5000 selector | ≥80 | ETL/FCC/DLC 5.1 Premium |

*Identical product specification for black model (LCHBU-180-200-240W-MKWV-BK-T)

POLAR CANDELA



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.