

LED HIGH BAY CH2500 180W



FEATURES

- LED replacement for 500 W Metal Halide Lamp
- Energy Saving up to 64 % than conventional lighting
- Luminous efficiency of 121 lm/W
- Ultra light and compact lamp for easy replacement
- Flicker-free with high uniformity illuminance
- Safety is ensured with a durable surge protector
- The volume of electrolytic capacitor is maximized
- Ultraviolet free, no mercury and lead-free RoHS Compliance

SPECIFICATION

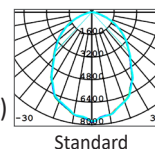
- **Dimension** : \varnothing 276 x 261 mm
- **Weight** : 2.8 kg (6.2 lbs)
- **Housing** : ABS
- **LED Package Life time** : 50,000 hours (25°C)
※ LED package life time according to industry standard (LM80).
※ High operating temperature may shorten life span of LED package and LED lamp.
- **Power Factor(PF)** : > 0.96
- **THD** : < 15%
- **CRI** : 82 Ra
- **Operating Temperature** : -30°C~50°C (-22°F~122°F)

Replacement

| CH2500 | Metal Halide |
|--------|--------------|
| 180 W | 500 W |

Beam Angle

- 90°(Standard)
- 97°(Diffuser Plate)
- 134°(Dome Diffuser)
- 30°, 45°, 60° (Lens)



| Product | Wattage | CCT | Total Lumen | Efficacy | Voltage | Frequency | Installation Angle | | | |
|---------|---------|--------|-------------|----------|----------------|------------|--------------------|--|--|--|
| CH2500 | 180 W | 2700 K | 20,700 lm | 115 lm/W | AC 100 - 277 V | 50 / 60 Hz | 0° | | | |
| | | 3000 K | | | | | | | | |
| | | 4000 K | | | | | | | | |
| | | 5000 K | 21,780 lm | 121 lm/W | | | | | | |
| | | 5700 K | | | | | | | | |

* Specifications are subject to change without prior notice. Please refer to our website for the latest information. (www.icepipeLED.com)

WHY ICEPIPE

Powerful High Bay

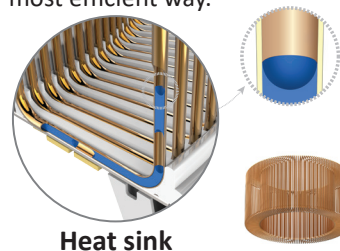
CH2500 is ICEPIPE's most powerful high bay lighting with wattage range from 150W to 200W while maintaining a high level of efficiency and durability despite its weight of 2.8kg. The model is especially suited for industrial environments or sport facilities with high ceilings.



- Up to 200W with efficacy over 120 lm/W
- High durability with ABS housing
- Easy to install - Hook type fixture

Highly Efficient ICEPIPE heatsink

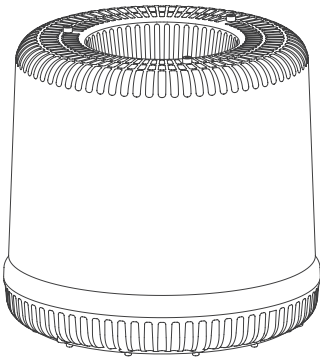
ICEPIPE heatsink was created by our patented Fluid Dynamic Pressure Technology, which enables heat dissipation 200 times faster (40,000 W/m·K) than that of conventional aluminum (Al) heatsink. Liquid circulation takes place inside the pipe, traveling through the coil and cooling down heat from the LEDs in the most efficient way.



Heat sink

- The fastest heat transfer rate
- Efficient air flow
- Uses light weight copper

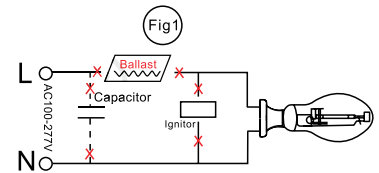
INSTALLATION



Step : 1

Refer to Figure 1

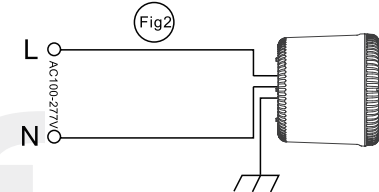
Turn off the power before installation.
Remove the old ballast, capacitor and ignitor
(if existing)



Step : 2

Refer to Figure 2

Connect the wire from the supply to the fixture and make sure the ground from the supply is connected to the ground from the fixture.



APPLICATION



OPTION



PACKING

| Dimension | Packing | Carton Size | Pallet size |
|--|---------|-----------------|--|
| (Unit : mm) 2.8kg Plastic(PC/ABS), Aluminium | | (Unit : mm) | (Unit : mm) 1 Pallet 1 * 3R * 3R * 6L = 54 pcs |

| Type | Single Unit Box | Pallet | 20ft Container-Palletized |
|---------------|-----------------|--------------------|---------------------------|
| Quantity | 1 | 54 | 540 (10 Pallets) |
| Dimension(mm) | 320 x 320 x 295 | 1100 x 1100 x 1920 | 5500 x 2200 x 1920 |
| GWT(kg) | 3.52 | 208 | 2,080 |
| CBM | 0.03 | 2.32 | 23.20 |

WARNINGS

- Do not use with direct current and ballast.
- This lamp is non-dimmable, do not connect with dimmer.
- This lamp must be installed straight downward and cannot be installed in different orientation.
- Do not install the lamp in an enclosed place.
- Do not install on any other shade that is not provided by ICEPIPE.
- Please read the instruction manual carefully before installation.



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