

LED High Bay



Features:

- Designed without a lampshade, this LED High Bay features a simple and beautiful appearance suitable for commercial, educational, and industrial lighting applications.
- Featuring a 1060 high-purity, stamp-formed heat sink, this LED High Bay ensures heat conductivity in excess of 200 watts / meter / K.
- Featuring high conductivity aluminum and a clear polycarbonate lens, this LED High Bay is light weight and impact-resistant.
- With the LED's arranged in evenly spaced, symmetric circles, heat is evenly distributed and conducted with high efficiency to ensure long 60,000 hour lifetime
- Highly efficient lighting ranging from 132-137 lumens / watt.
- Provides good color rendering with a CRI of 80+.
- The 120 degree beam angle is excellent for many high bay applications.
- Suitable for damp locations with a slight corrosion-proof grade.
- Suitable for ambient operating temperatures in the range of -4 to 113 degrees Fahrenheit.
- 5 years warranty.

Description:

This LED High Bay features a slender, simple attractive design without the clutter of a bulky lampshade. Featuring a 1060 high-purity, stamp-formed heat sink, this LED High Bay ensures both heat conductivity in excess of 200 watts / meter / K (twice that of normal die-cast aluminum) and a 60,000 hour lifetime. Professionally designed cooling channels ensure highly efficient heat dissipation while simultaneously reducing product weight and volume. The 120 degree optical lens is highly transmissive and impact-resistant. Featuring round HBG Meanwell drivers with 0-10 volt dimming functionality and bright 2835 LED's, these fixtures offer up to 137 lumens per watt with an 80+ Color Rendering Index while saving up to 70% of the energy consumed by incumbent technologies. Built with an IP65 waterproof design and a slight corrosion-proof grade, these LED High Bays can withstand ambient temperatures in the -4 to 113 degrees Fahrenheit range. Options available for special order include a 3000K CCT, 60 and 90 degree light distributions, microwave sensing, emergency, and 347-480V input operation.

Application:

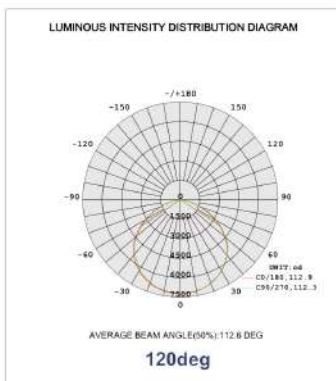
Suitable for varied commercial, educational, and industrial applications including big-box retail, gymnasiums, natatoriums, warehouses, workshops, etc.



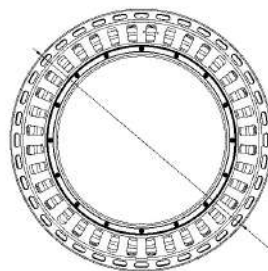
Technical parameters :

Model	CCT	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power(w) (±10%)
PLTS51111	5000K	13500	120°	SMD2835	AC100-277V 50/60Hz	100W
PLTS51112	4000K	13200				
PLTS52111	5000K	20550	120°	SMD2835	AC100-277V 50/60Hz	150W
PLTS52112	4000K	20100				
PLTS53111	5000K	27000	120°	SMD2835	AC100-277V 50/60Hz	200W
PLTS53112	4000K	26400				
PLTS54111	5000K	32640	120°	SMD2835	AC100-277V 50/60Hz	240W
PLTS54112	4000K	31920				

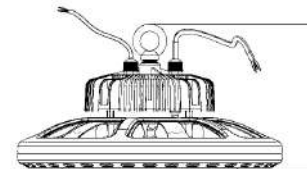
Distribution Diagram:



Dimension:



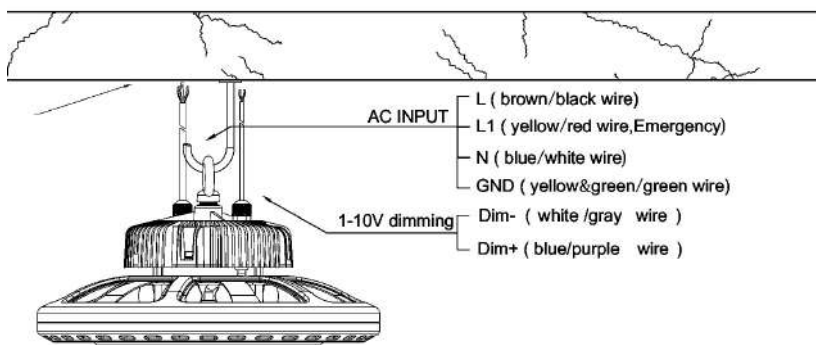
100W: φ 278mm/10.94"
150W: φ 328mm/12.91"
200W: φ 388mm/15.28"
240W: φ 388mm/15.28"



100W: 187mm/7.36" / 189mm/7.44"
150W: 195mm/7.68" / 200mm/7.87"
200W: 207mm/8.15" / 212mm/8.35"
240W: 217mm/8.54"
MEAN WELL Power

Installation: (Suspension Ring Installation)

1. Prepare customer-supplied suspension hardware and secure it into the mounting surface ensuring both the hardware and mounting surface can support the fixture weight (see below).
2. Screw the suspension ring into the fixture housing.
3. Suspend the fixture by connecting the suspension hardware to the suspension ring.



Package Information:



Model	Power	Net weight	box dimension	Pack Quantity	Gross Weight Per CTN
Dimming	100W	2.25Kg	325*325*190mm	1pcs	3.10Kg
	150W	3.05Kg	380*380*200mm	1pcs	4.30Kg
	200W	3.90Kg	440*440*220mm	1pcs	5.40Kg
	240W	4.45Kg	440*440*220mm	1pcs	5.95Kg

Installation requirements:

1. Turn power off before installation.
2. After ensuring the mounting hardware and mounting surface can support the fixture weight, suspend the fixture as detailed in the above "Installation:" section.
3. Suspend power to the fixture and make electrical connections in accordance with local and national electrical codes.

Notice:

1. Since this fixture includes slight corrosion resistance, ensure the environment where you intend to install the fixture does not contain highly corrosive elements.
 2. Please confirm the input voltage and frequency conforms to the product specifications.
 3. Professional installation is required, since dangerous 100-277V connections will be made.
 4. Do not install this fixture if it was received with damage to the electrical conductors or the fixture body.
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