



HONGYAO Lighting

Specification Sheet

- LED Linear High Bay -



Zhejiang Hongyao Lighting Electrical Co., Ltd

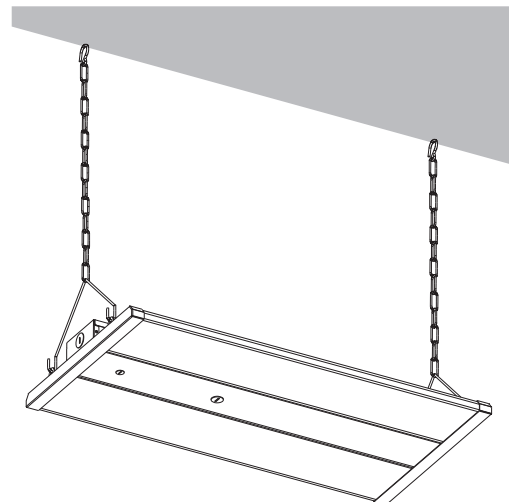
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DESCRIPTION

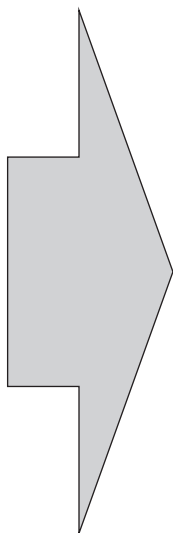
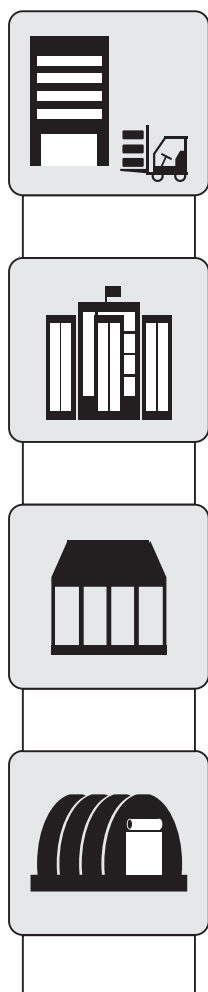
FEATURE

- Ideal replacement for HID warehouse lighting
- Steel housing with white powder-coated finish
- Aluminum Heatsink for Efficient Heat Dissipation
- Diffusers are extruded from impact modified acrylic for increased durability
- Lightweight module design
- Chain, pendant or V hook mounting
- Universal input voltage: AC100-277V
- CRI>80; Power Factor>0.9; THD<20%
- High efficiency: 130lm/w
- 0-10V Dimmable
- Long lifetime: up to 50,000 hours (L70)
- Ambient operating temperature: -10° F to 110° F
- Beam Angle: 110°
- Option: Infrared induction sensor and emergency backup available
- WARRANTY--5-year limited warranty



APPLICATION

- Industrial; warehouse; supermarket; factory and other high ceiling application..

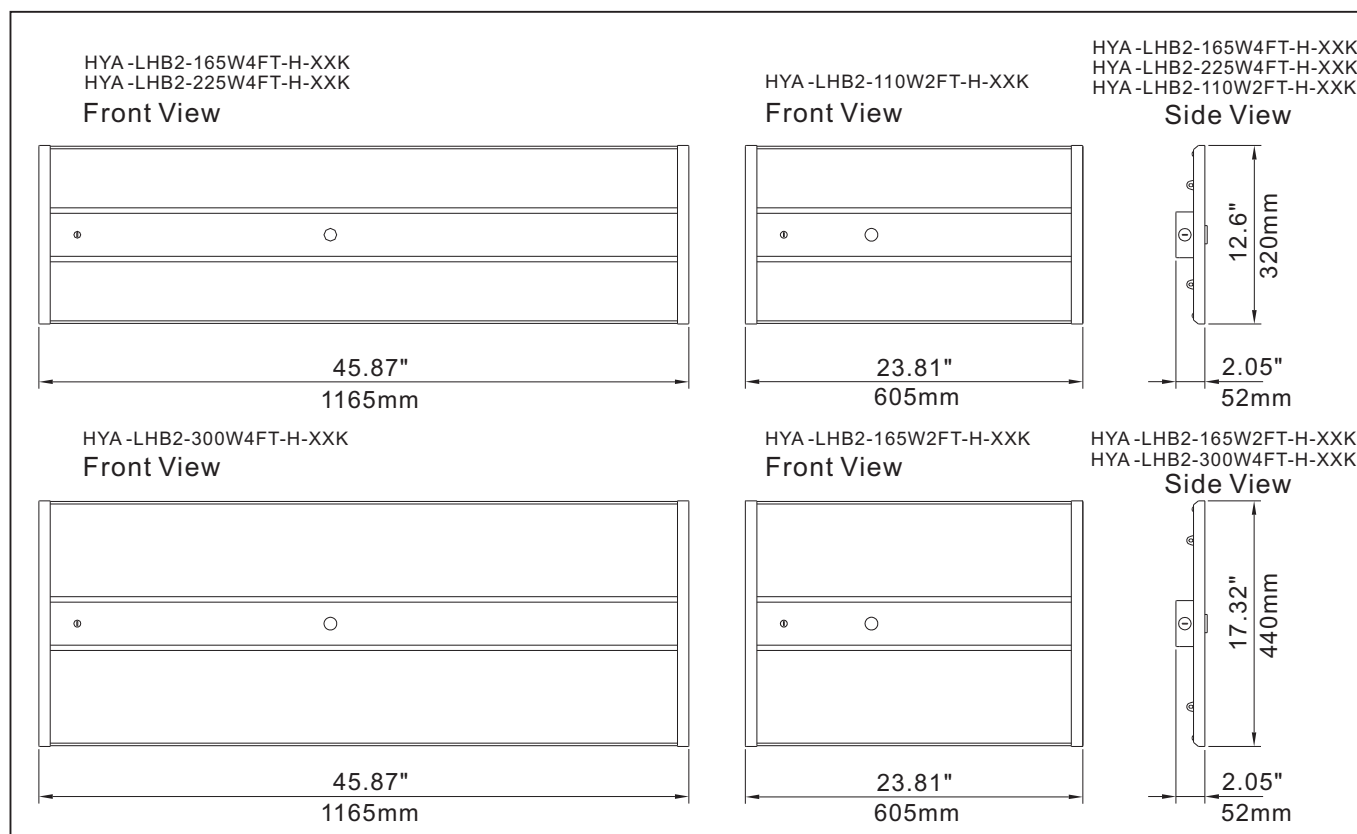


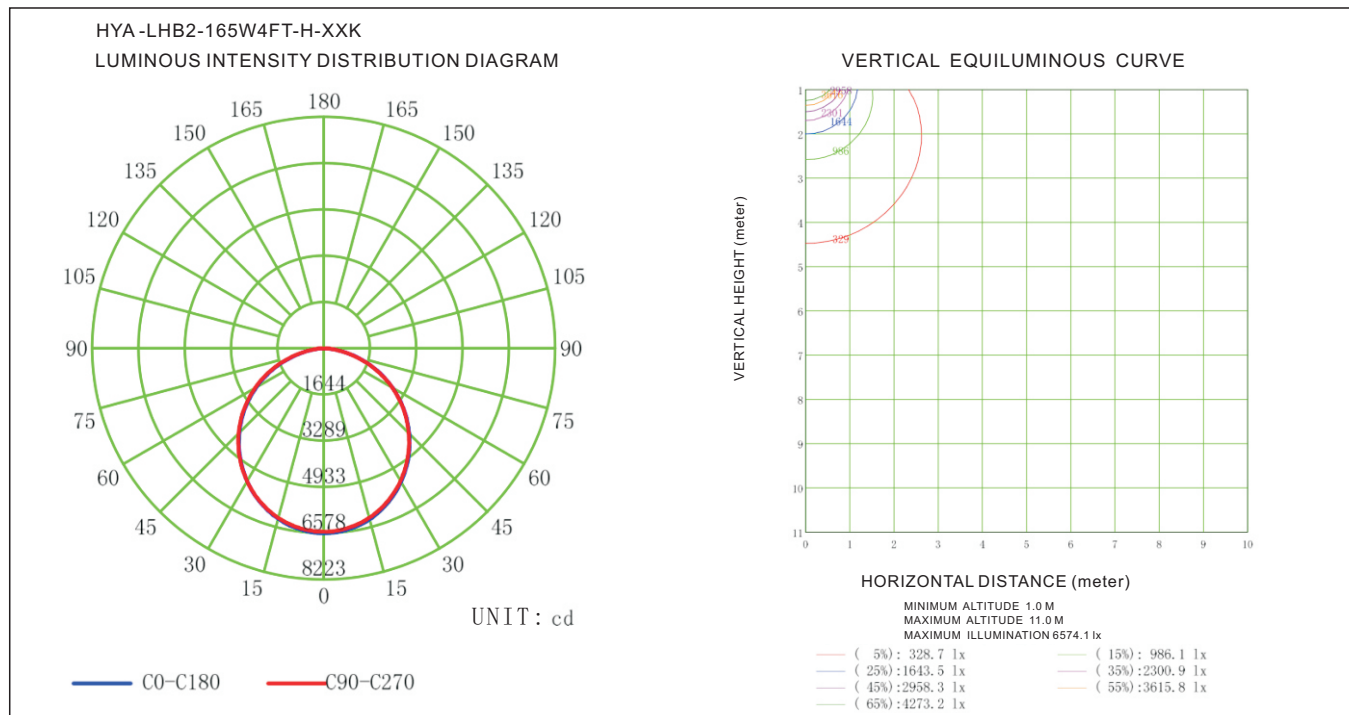


SPECIFICATIONS

| Specifications | | | | | |
|-------------------|--|------------------------|------------------------|------------------------|------------------------|
| Model No. | HYA-LHB2-110W2FT-H-XXK | HYA-LHB2-165W2FT-H-XXK | HYA-LHB2-165W4FT-H-XXK | HYA-LHB2-225W4FT-H-50K | HYA-LHB2-300W4FT-H-XXK |
| Power: | 110W | 165W | 165W | 225W | 300W |
| Size: | 2ft | 2ft | 4ft | 4ft | 4ft |
| Input Voltage: | 120-277 VAC | | | | |
| Dimming | 0-10V Dimmable | | | | |
| Lumens | 14300 LM | 21450 LM | 21450 LM | 29250 LM | 39000 LM |
| Protection Rating | IP20 (For Indoor Use Only) | | | | |
| Power Factor: | >0.9 | | | | |
| Beam Angle | 110° | | | | |
| CRI: | >80 | | | | |
| Working Life: | Lumen Maintenance over 70% @ 50,000+ Hours | | | | |
| Oper. Temperature | -13°F ~+113°F / -25°C ~+45°C | | | | |
| Certification | ETL | | | | |

PRODUCT DIMENSIONS



**PHOTOMETRIC REPORT****ORDERING GUIDE**

| Package Information | | | | | |
|---------------------|--------------------------------------|-------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|
| Model No. | HYA-LHB2-110W2FT-H-XXK | HYA-LHB2-165W2FT-H-XXK | HYA-LHB2-165W4FT-H-XXK | HYA-LHB2-225W4FT-H-XXK | HYA-LHB2-300W4FT-H-XXK |
| Power: | 110W | 165W | 165W | 225W | 300W |
| Size: | 2ft | 2ft | 4ft | 4ft | 4ft |
| Package Size | 660X185X393mm 25.98"X7.28"X15.47" | 660X185X503mm 25.98"X7.28"X19.8" | 1200X185X393mm 47.24"X7.28"X15.47" | 1200X185X393mm 47.24"X7.28"X15.47" | 1200X185X503mm 47.24"X7.28"X19.8" |
| Package Weight | 7.28kg/16.05 lbs | 9.34 kg/20.6 lbs | 13.05 kg/28.77 lbs | 14.15 kg/31.2 lbs | 17.22 kg/37.96 lbs |
| Qty/Pack | 2 PCS | | | | |
| Package CBM | 0.047985 | 0.061416 | 0.087246 | 0.087246 | 0.111666 |
| 40GP Capacity | ~2410PCS | ~1880PCS | ~1320PCS | ~1320PCS | ~1030PCS |
| 40HQ Capacity | ~2830PCS | ~2210PCS | ~1550PCS | ~1550PCS | ~1210PCS |
| 45HQ Capacity | ~3250PCS | ~2540PCS | ~1780PCS | ~1780PCS | ~1390PCS |

ORDERING CODE DEFINITION

| Company Code | Product | Watt\Size | -H- | XXX |
|--------------|------------------------------|--|------------|--|
| HYA | LHB2: LED Linear High Bay | 110W 2ft 165W 2ft 165W 4ft 225W 4ft 300W 4ft | High Lumen | 30K: 3000K 40K: 4000K 50K: 5000K |

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INSTALLATION INSTRUCTIONS

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Before installing this fixture or doing any maintenance, make sure to turn off the power supply at the circuit breaker or fuse box.
2. Do not handle energized module with wet hands or when standing on wet or damp surfaces, or in water.
3. Do not use outdoors.
4. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
5. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
6. Do not use this equipment for other than intended use.
7. Product must be installed in accordance with NEC or your local electrical code. If you are not familiar with these codes and requirements, consult a qualified electrician.

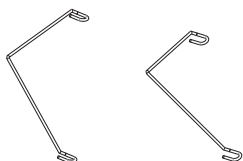


WARNING

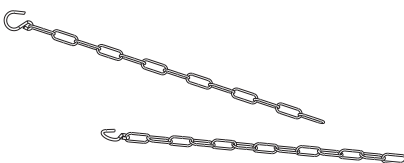
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved
- Risk of fire or electric shock. LED lamp installation requires knowledge of luminaries electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Use in dry locations only.
- The thermally insulating material is not allowed to cover the fixture.
- Please keep away from the corrosive substance, and keep the fixture dry and clean.
- This lamp supports 0-10V Dimmable, must use with dimmers.
- Small noises when shaking does not affect the quality.

ACCESSORIES BAG INCLUDES:

Hook



Chain



Terminal cap

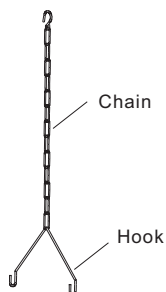


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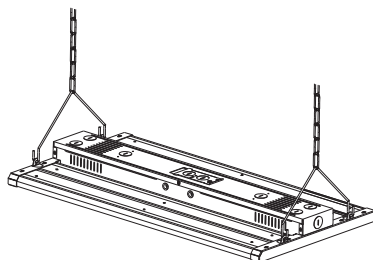
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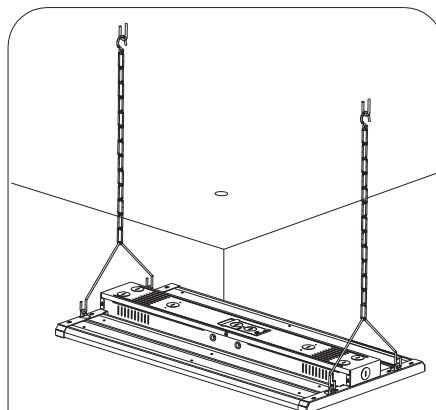
INSTALLATION INSTRUCTION



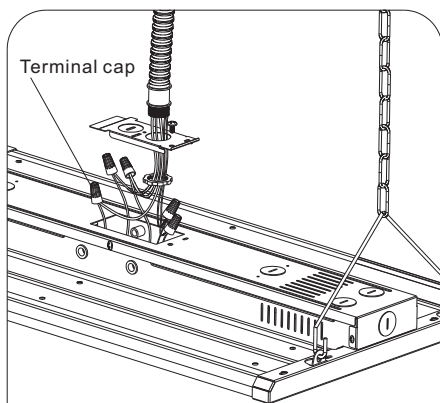
1. Hook the chain as below pic



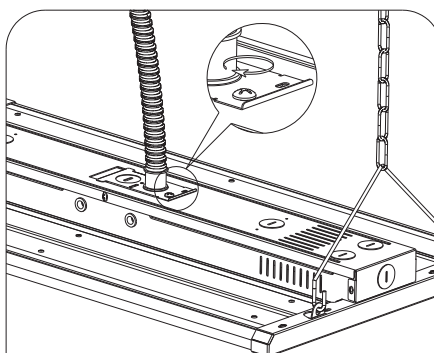
2. Insert the hook into the slotted holes, as shown below.



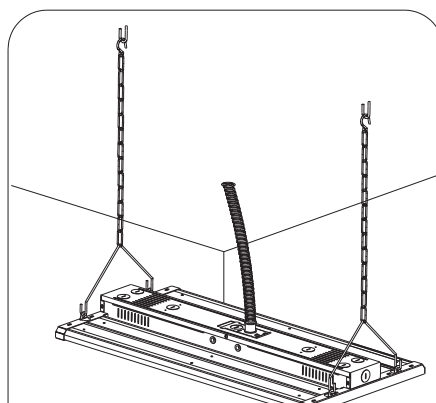
3. Hook up the chain on the ceiling anchor.



4. Turn off power, and make wiring connections with terminal cap(see wiring instruction below).

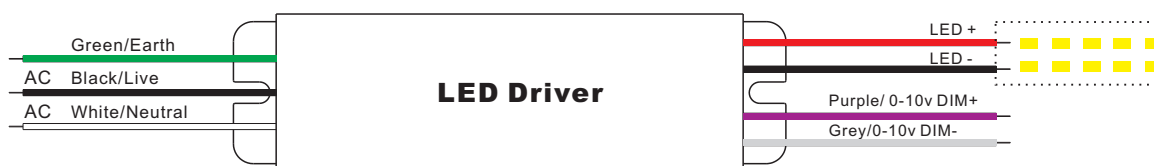


5. Insert the terminal cap and wires into the driver box.



6. Insert the wire terminal joint to the wire entry. Installation completed.

Wiring Guide



Recommend Emergency LED Driver Model No.

| LED Linear High Bay Model No. | HYA-LHB2-110W2FT-H- | HYA-LHB2-165W2FT-H- | HYA-LHB2-165W4FT-H- | HYA-LHB2-225W4FT-H- | HYA-LHB2-300W4FT-H- |
|--------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Emergency LED Driver Model No. | BLD-HM15D-480800 | BLD-HM25D-480800 | BLD-HM25D-480800 | | |