

YIOMAU YL-HB pro High Bay light is especially designed for indoor lighting with height more than five meters such as factory · warehouse · stadium · supermarket · airport buildings · etc.

High brightness LED lamps are adopted to make YIOMAU YL-HB pro. The LED lamp efficacy is up to 130lm/W. The usage of second lens assures the uniformity of illuminance and chromaticity on the ground surface. And three kinds of light distribution (W/ N/ R) can be chose for different lighting environment. The junction temperature is lower than 65°C · effectively controlling the light decay and prolonging the lifetime more than 50 000 hrs.

The high reliable and intelligent driver and professional heat sink design technology assures the working temperature of the electronic components is not higher than 60°C · the power efficiency is very high · life time is more than 50 000 hrs.

The intelligent function of electronic anti-reverse connection and automatic switch off which could be caused by the higher or lower supply voltage assure the safety of the light · and the perfect protection of over current · overvoltage and overheat function enhance the reliability.

Meanwhile · such electronic driver design also provides several flexible and advanced control functions such as timer control · temperature control · photo sensor control · acoustic sensor control and internet control etc.



Basic Parameter of YL-HB pro LED High Bay Light

| | |
|------------------------------|--|
| Working Voltage | AC 100-277 V |
| Working Frequency | 50/60 Hz |
| Power Factor | 0.95 |
| CCT ¹ | 4000K~4500K; 5000K~5700 K |
| CRI | ≥70 |
| LEDs | XP-G CREE |
| LED Luminous Efficacy | 130lm/W |
| Luminaries Luminous Efficacy | 100lm/W |
| Working Environment | Temperature : -30°C - 45°C Humidity : 10 % - 90 % |
| Lifespan | 50000hrs |
| Appearance color | gray (other colors can be custom-made) |
| Marital | housing : aluminum die casting; cover : Tempered-Glass |
| Dimensions | Φ276×330 mm |
| IP class | IP54 or IP65 |
| Installation spare parts | hook or ring |

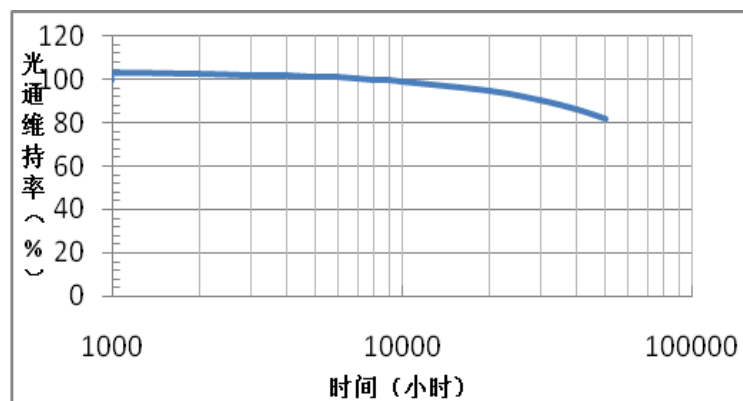
Note : YIOMAU Standard CCT: 4000K~4500K; 5000K~5700K. Other CCT can be Custom-made.

| Characteristic parameter | | | | |
|--------------------------|--------------------------|--------------|----------------------------------|------------|
| Product No. | Rated Power ¹ | Beam Angle | Rated Luminous Flux ² | Net Weight |
| YL-HB05 | 50W | Wide (W) | 5000 lm | 5.5 Kg |
| | 50W | Narrow (N) | 5000 lm | 5.5 Kg |
| | 50W | Shelf (R) | 5000 lm | 5.5 Kg |
| YL-HB08 | 80W | Wide (W) | 8000 lm | 5.5 Kg |
| | 80W | Narrow (N) | 8000 lm | 5.5 Kg |
| | 80W | Shelf (R) | 8000 lm | 5.5 Kg |
| YL-HB10 | 100W | Wide (W) | 10000 lm | 5.5 Kg |
| | 100W | Narrow (N) | 10000 lm | 5.5 Kg |
| | 100W | Shelf (R) | 10000 lm | 5.5 Kg |
| YL-HB13 | 130W | Wide (W) | 13000 lm | 6Kg |
| | 130W | Narrow (N) | 13000 lm | 6Kg |
| | 130W | Shelf (R) | 13000 lm | 6Kg |
| YL-HB15 | 150W | Wide (W) | 15000 lm | 6Kg |
| | 150W | Narrow (N) | 15000 lm | 6Kg |
| | 150W | Shelf (R) | 15000 lm | 6Kg |

Note: 1. the tolerance of power is $\pm 10\%$. Other power can be custom-made.

2. the tolerance of luminous flux is $\pm 10\%$.

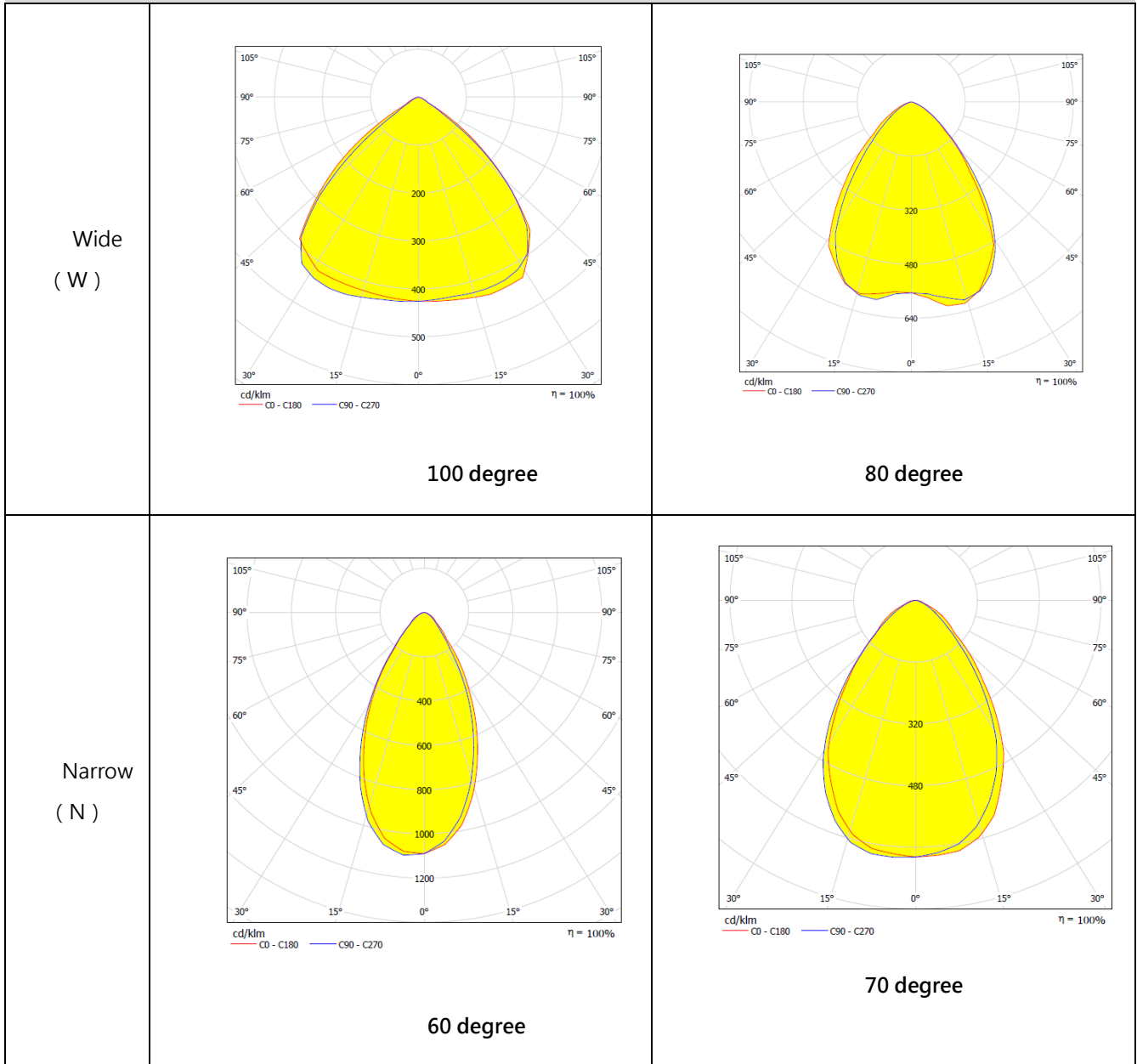
Luminous Flux Maintenance Chart



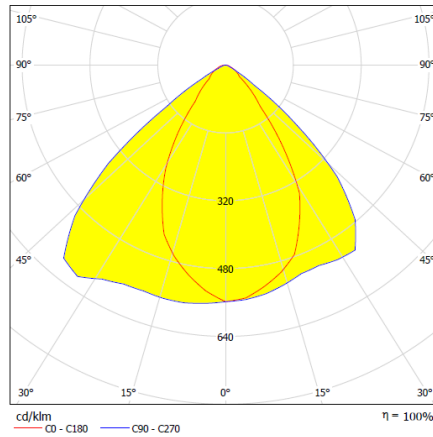
Remarks: This chart shows the actual testing data of many streets that exactly reflects luminous flux degradation of LED High bay lights in use. It is noticeable that natural environment conditions such as weather, temperature and so

on can affect illumination intensity to some degree in actual testing. We can see that the maintaining luminous rate of our street lights is above 95% after working for 3 years without maintenance.

Light Distribution Curve

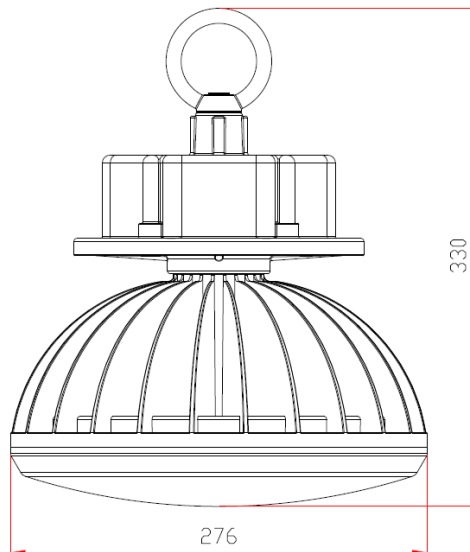


Shelf
(R)



6090

Structural Specification



Installation Instructions

1. Tri-core shield sleeve wire with standard 60245 IEC57(YZW3×1.0),OD Φ8~10mm is adopted, the brown wire of which connects the live wire, the blue one connects the neutral wire and the yellow-green one connects the ground wire.
2. Insulation and waterproof treatment must be done at the joint of wires after the electrical connecting.
3. Assuring the LED high bay light works under the rated voltage, otherwise the non-restorable damage will be made once the supply voltage is beyond the working voltage range.

Packing

The packing dimension is 282mm x282mm x332mm per carton. Each carton contains one product specification and one usage introduction. Please inspect the products whether it is in perfect order, and check whether the documents and accessories are completely ready when opening the package.

Quantity per carton: 1 pieces

Gross Weight per carton: 6.8 Kgs

Note : 

1. The ground wire must be safely earthed to guarantee the reliability!
2. The joint of wires must be covered with insulating tape and be waterproof!
3. Screws must be installed firmly to avoid the light drifting!
4. The supply voltage must not be beyond AC90~277V, otherwise the impossibly repaired damage will be caused.
5. The light should be scrapped immediately if the external soft cables or soft wires damaged for they could not be replaced.

After Sales Services

If you have any questions or problems in the process of unpacking, installation and use, please contact our Customer Service Department. We will respond within 2 hours, and if necessary, we will promptly send our maintenance professionals to reach your site as quickly as possible to solve your trouble and restore to the normal working condition.

YIOMAU takes guarantee responsibility unless otherwise specified in the following circumstances:

- ✧ The breakdown or the damage is caused by incorrect installation, failure operation or use under the Not-specified working conditions.
- ✧ The damage is caused by accident, abuse or misuse.
- ✧ The breakdown or the damage is caused by customers' unsuitable safekeeping or transportation.
- ✧ The breakdown or the damage is caused by customers' disassembly or change the spare parts to which are not approved by YIOMAU.
- ✧ The breakdown or the damage is caused by man-made or natural disaster.

Customer Service Center : +86-512-6827-1350

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