

TECHNICAL DATA SHEET



NAME: LED High Bay Light

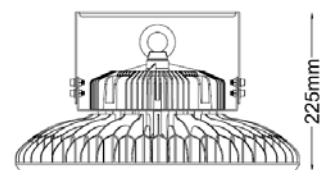
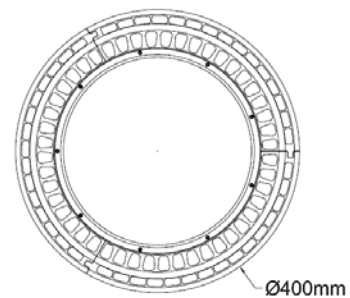
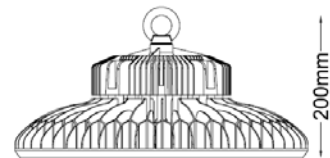
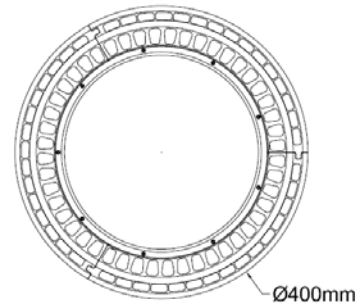
P/N : HB02-200WD1

Advantage:

- UL cUL DLC certificate
- Mean Well IP65 driver, Input voltage 100-277Vac
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current lever can be adjusted through output cable with 1-10V.

Application:

- ◆ Warehouse, factory and workshops;
- ◆ Highway toll station and gas station;
- ◆ Exhibition hall;
- ◆ Gymnasium and supermarkets, etc.



TECHNICAL DATA SHEET

Product Specifications

| | |
|--------------|----------------------------------|
| Product name | LED High Bay Light |
| Part No | HB02-200WD1 |
| Dimension | ∅ 400 x 200 mm or ∅ 400 x 225 mm |

Technical Characteristic

| | | | |
|-------------------|----------------------------------|---------|-------|
| Color temperature | 4000K | 5000K | 5700K |
| CRI | >80 | | |
| Lumen | 24000 - 25000LM | | |
| Input Power | 200W | | |
| Viewing Angle | 120° | | |
| Input Voltage | 100-277Vac | 50/60Hz | |
| Driver model | HBG-240-48B (Mean Well Driver) | | |
| PFC | >0.9 | | |
| Waterproof Rating | WET (IP65) | | |

Materials

| | |
|---------------|-----------------------|
| LED Brand | LUMILEDS |
| LED Type | LUXEON 3030 2D (1.5W) |
| LED QTY | 300 PCS |
| Housing | Aluminum |
| Housing color | Black |
| Cover | Tempered Glass |

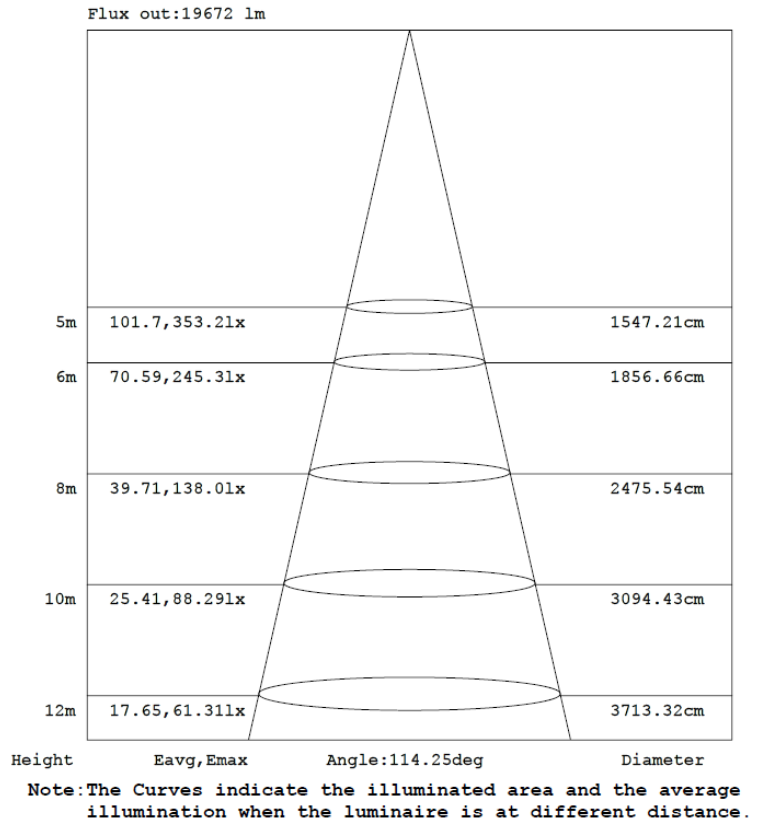
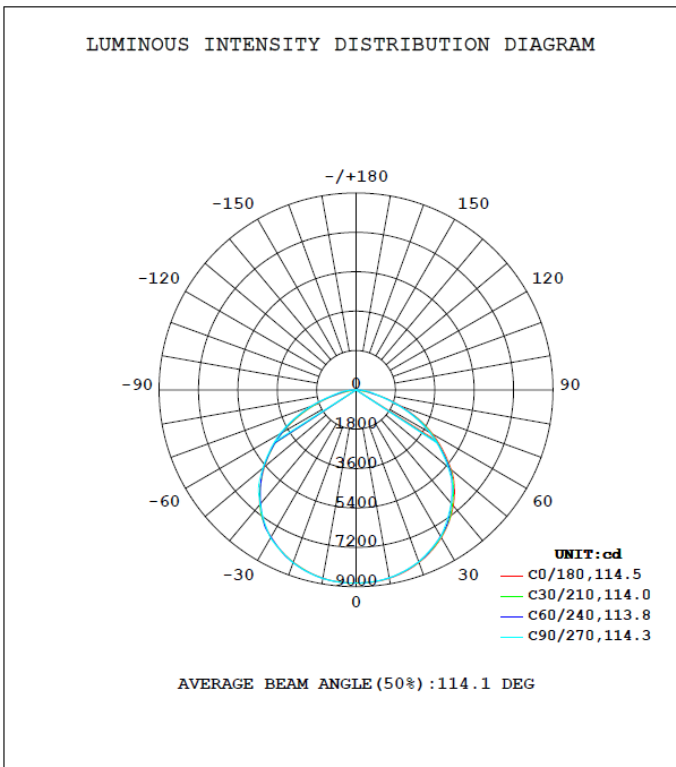
Others

| | |
|-----------------------|------------------|
| Operating Temperature | -20°C TO 40°C |
| Operating Humidity | 20%-90% RH |
| Storage Temperature | -30°C TO 80°C |
| Storage Humidity | 10%-95% |
| Application | Indoor / Outdoor |
| Safety Certification | UL、cUL、DLC |
| Warranty Time | 5 Years |

TECHNICAL DATA SHEET

Light Distribution Testing Parameters

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 131.75 lm/W | | | |
|-------------------|---------|--|--------|-------------------------|-----------|
| MODEL | | Imax (cd) | 8829 | S/MH(C0/180) | 1.31 |
| NOMINAL POWER (W) | 200 | LOR (%) | 100.0 | S/MH(C90/270) | 1.31 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 25217 | η UP, DN(C0-180) | 0.0, 49.6 |
| NOMINAL FLUX (lm) | 25216.9 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0, 50.4 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 120 | η down (%) | 100.0 | CIBSE SHR MAX | 1.35 |

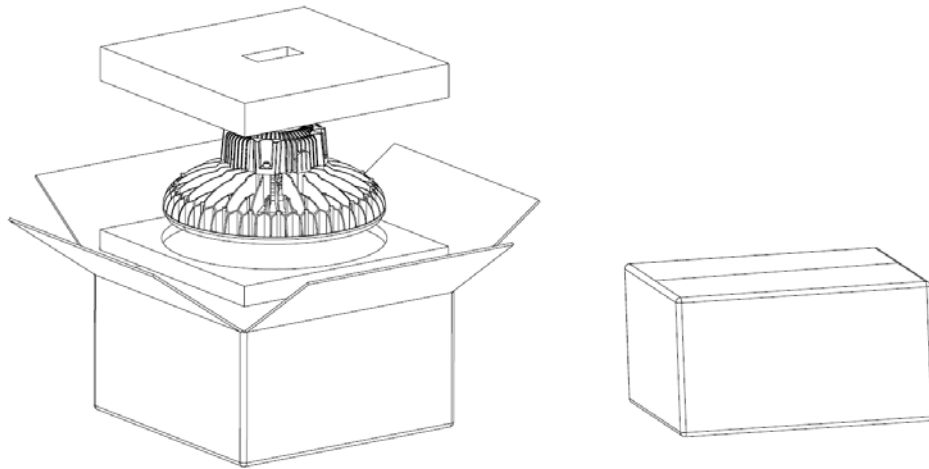


TECHNICAL DATA SHEET

Package

Lamps Net Weight: 7.6 kg / pc

| | Size | Qty/Carton | Weight/Carton |
|-----------|--------------------|------------|---------------|
| Outer box | 450 x 450 x 210 mm | 1 | 8.8 kg |



Notice For User

- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

Trouble Shootings

| Troubles | Check points |
|-------------------------|--|
| Flickering of the light | Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies |
| Out of working | Please check the connection |