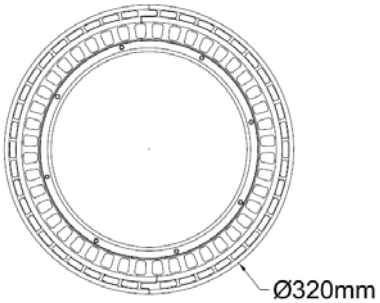
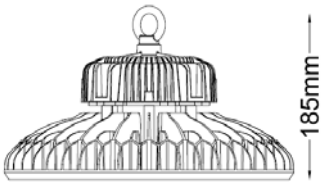
TECHNICAL DATA SHEET

NAME: LED High Bay Light

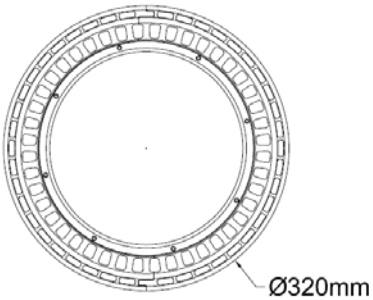
P/N : HB02-150WD1





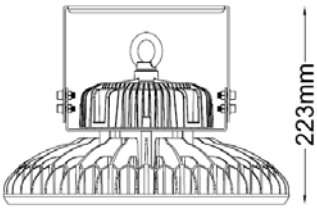
Advantage：

- 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	HB02-150WD1
Dimension	¢320 x 185 mm or ¢320 x 223 mm

Technical Characteristic

Color temperature	4000K	5000K	5700K
CRI	>80		
Lumen	19500 - 20500LM		
Input Power	150W		
Viewing Angle	120º		
Input Voltage	100-277Vac 50/60Hz		
Driver model	HBG-160-48B (Mean Well Driver)		
PFC	>0.9		
Waterproof Rating	WET（IP65）		

Materials

LED Brand	LUMILEDS
LED Type	LUXEON 3030 2D（1.5W）
LED QTY	224 PCS
Housing	Aluminum
Housing color	Black
Cover	Tempered Glass

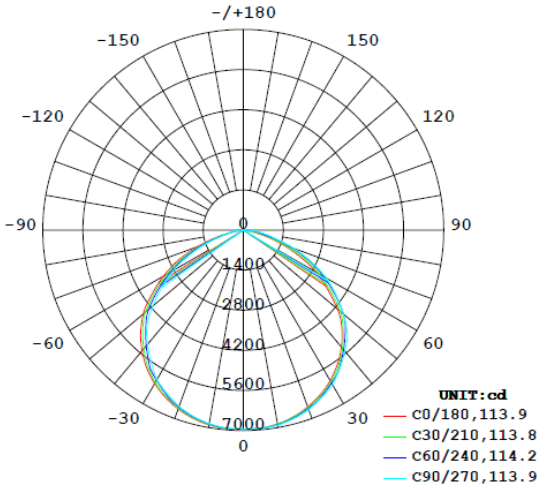
Others

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

Light Distribution Testing Parameters

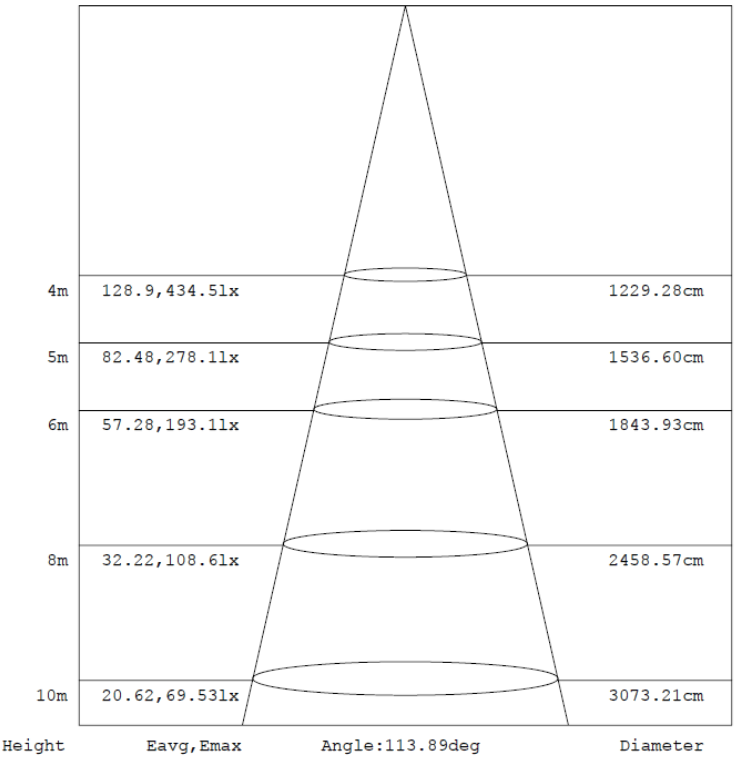
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 129.50 lm/W	
MODEL		Imax(cd)	6959	S/MH(C0/180)	1.32
NOMINAL POWER(W)	150	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	19748	η UP,DN(C0-180)	0.0,51.8
NOMINAL FLUX(lm)	19748.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):113.9 DEG

Flux out:15361 lm

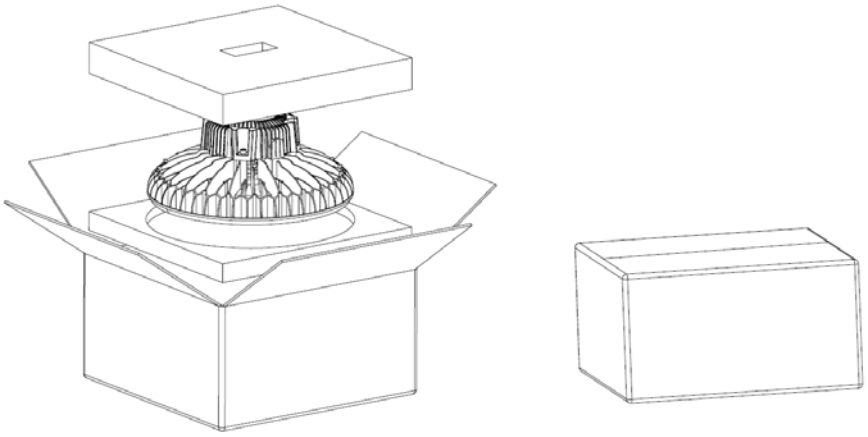


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Package

Lamps Net Weight: 5.3 kg / pc

	Size	Qty/Carton	Weight/Carton
Outer box	370 x 370 x 200 mm	1	6.3 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