LED High Bay Light

NEX GEN LED LIGHTS AND SIGN
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TX 77015, United States





Note:

HB18 = Product series, LED High Bay Light;

150W= Rating Power;

S1= Driver manufacturer, LiFUD or SOSEN series;

"X" can be any alphabet for manufacturer of LED;

"Y"can be "T1-T9""CP"for Diffuser type;

A1= Version number;

"a"can be any two letters to represent lamp colors; BH=Black, WH=White, or Customized;

"b" can be "S" or blank for Surge-protective Device provided or not;

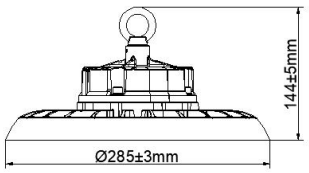
"c" can be "M"or blank for Motion mircowave Sensor,provided or Motion PIR sensor or not

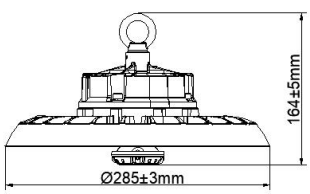
"d" can be any digits for CCT, 30-65K(3000-6500K)

"e" can be "RP", "RA" or blank for Thermoplastic shade, aluminum shade provided or not.

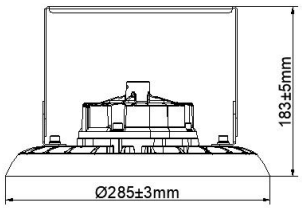
DIMENSIONS

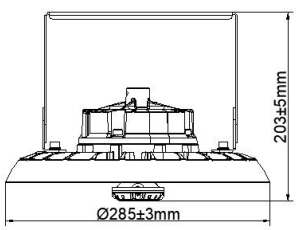
Pendent





Surface-mounted





ADVANTAGE

- UL cUL certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

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

SPECIFICATIONS

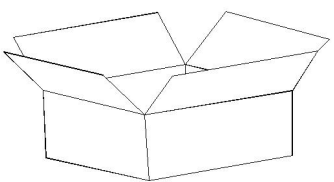
OPTICAL	Input Power (Tolerance : ±10%)	150W
	Color Temperature	3000K-6500K
	Efficacy (Tolerance : ±3%)	132LM/W-143LM/W
	CRI	>80
	Color Consistency	＜6 Steps (or ＜6 SDCM)
	UGR	＜28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	＜10%
	Driver Brand	China Brand Driver (0-10V dimming)
	Driver Model	LF-FHB150YAⅣ or SS-150CNL-E260BH
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV
	Dimming	0-10V dimming standard
	Sensor type	Daylight Sensor, Occupancy Sensor, Multifunction Sensor, Integral sensor,Receptacle
	Optional Accessory	Motion microwave Sensor, Motion PIR Sensor Surge-protective Device
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	240 PCS
	Housing	Die-cast aluminum
	Housing Color	Black, White, or Customized
	Waterproof Rating	WET （IP65）
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃
		With Motion Sensor: -30℃ TO 50℃
	Storage Temperature	-40℃ TO 80℃
	Operating Humidity	20％ - 90％ RH
	Storage Humidity	10％ - 95％ RH
	Warranty	5 years

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	300*300*130mm	1 PC	1.8KG	2.5KG
Surface-mounted	300*300*130mm	1 PC	2.4 KG	3.1KG

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.





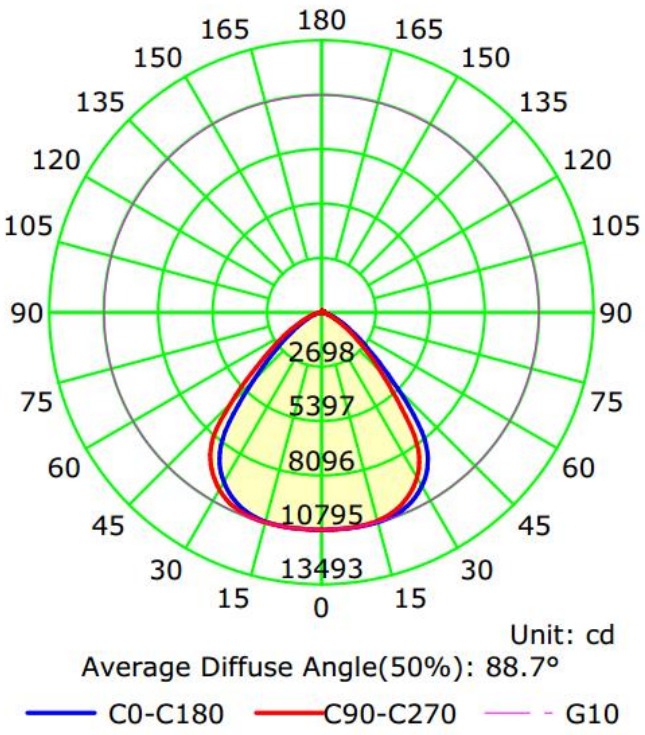
LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

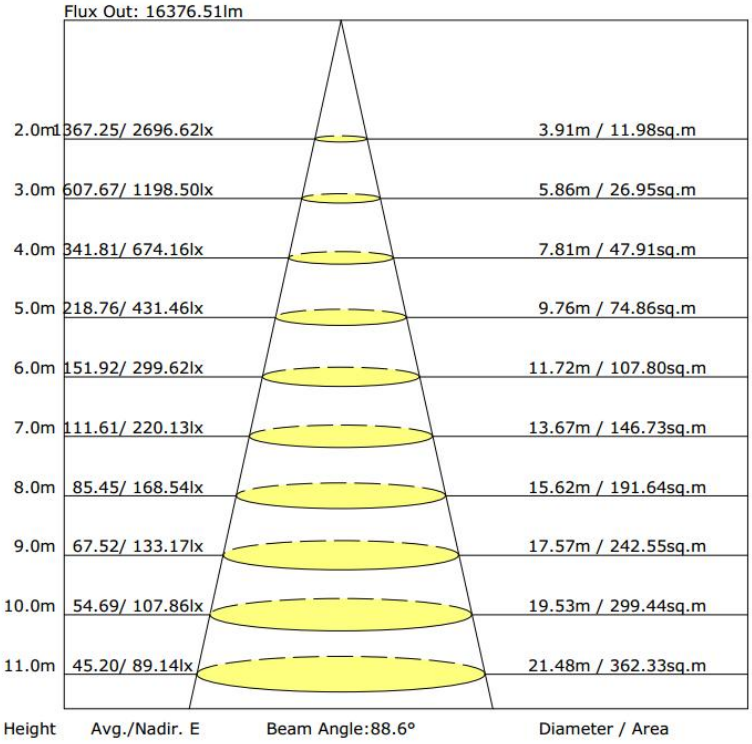
CIE Class: Direct
Measurement Flux: 21882.8 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H125.8,H88.6
Vertical Diffuse Angle(10%,50%): V126,V88.8
Luminaire Efficacy Rating (LER): 140.05
Max. Intensity: 10795.07 cd
S/MH(C0/C180): 1.32

Total Rated Lamp Lumens: 21882.8 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 10786.48 cd
Pos of Max. Intensity: H292.5 V10
S/MH(C90/C270): 1.32

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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.