

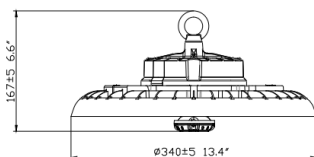
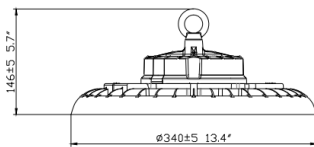


LED High Bay Light

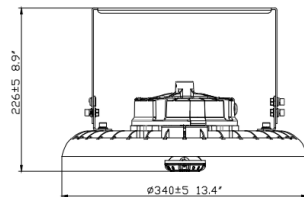
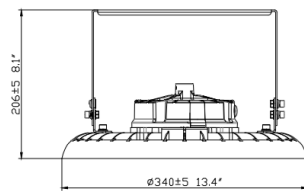


DIMENSIONS

Pendent



Surface-mounted



Project :

Type :

Part#:

P/N: INS-LHB81B-200WSXYD1-abcd

Note:

INS = Company name

LHB81B = Product series, LED High Bay Light

200W = Rating Power

"L1" =Driver manufacturer, LIFUD or SOSEN series;

"B1"=LED manufacturer, Lumileds2835.

"T2" Cover type, 90 degree lens;

A1= Version number;

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

"b" can be "10SP", "20SP" or blank for Surge-protective Device provided or not;

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

"d" can be any digits for CCT, 35/40/50K(3500/4000/5000K)

"e" can be "RP", "RA" or blank for Shade provided or not

"W"= Power Tunable Module provided ;

"D"= CCT tunable

ADVANTAGE

- UL cUL DLC certificate.
- Lumileds, 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.

LED High Bay Light

SPECIFICATIONS

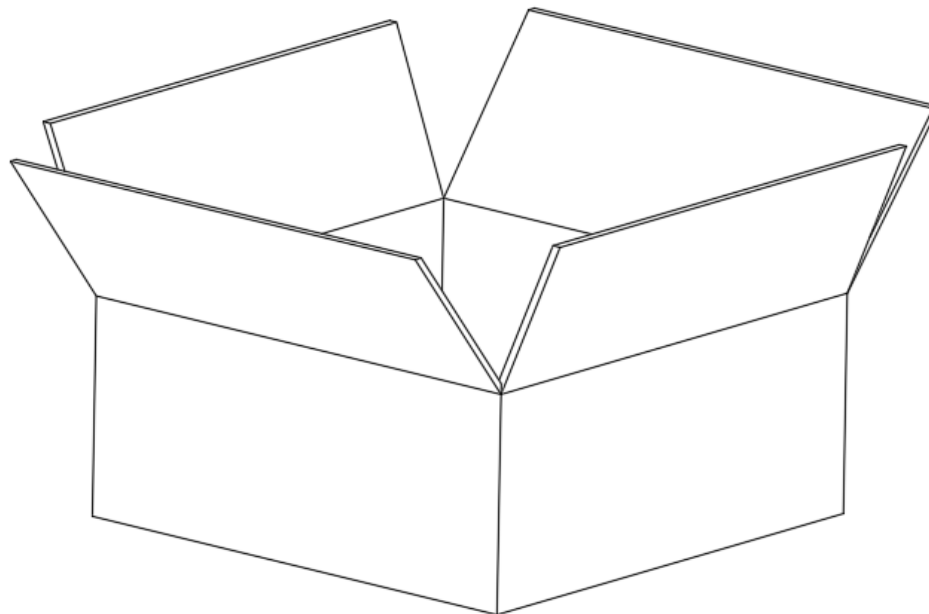
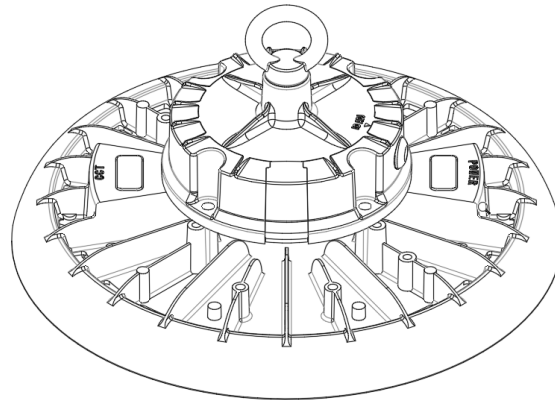
OPTICAL	Input Power (Tolerance : ±10%)	200W(Wattage adjustable 25%-100%)		
	Color Temperature(Color Tunable)	3500K	4000K	5000K
	Lumen (Tolerance : ±10%)	27000 LM	30000 LM	28000 LM
	Efficacy (Tolerance : ±3%)	135LM/W	150LM/W	140LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	UGR	B3-U0-G1		
	Diffuser Type	Clear Tempered Glass		
	Beam Angle (50%) (Tolerance : ±15%)	115*100		
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<5%		
	Driver Brand	China Brand Driver (0-10V dimming)		
	Driver Model	LF-FHB200YAIV or SS-200CNL-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 Sen-sor Receptacle		
	Optional Accessory	Motion Sensor, Surge-protective Device		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	320PCS * 2		
	Housing	Die-cast aluminum		
	Housing Color	Black, White, or Customized		
	Waterproof Rating	WET(IP65)		
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C		
		With Motion Sensor: -30°C TO 50°C		
	Storage Temperature	-40°C TO 80°C		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
Warranty	5 years warranty			

LED High Bay Light

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	360*360*125mm	1 PCS	3.1kg	3.6kg
Surface-mounted	360*360*125mm	1 PCS	3.7kg	4.2kg

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



LED High Bay Light

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -270

Luminous Height (mm):

Current: 1.710 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -270

Voltage: 120.0 V

Power: 204.77 W

Photometric Results

CIE Class: Direct

Measurement Flux: 26990.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H125.5,H86.1

Vertical Diffuse Angle(10%,50%): V124.9,V84.6

Luminaire Efficacy Rating (LER): 131.86

Max. Intensity: 14314.37 cd

S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 26990.8

Efficiency: 100%

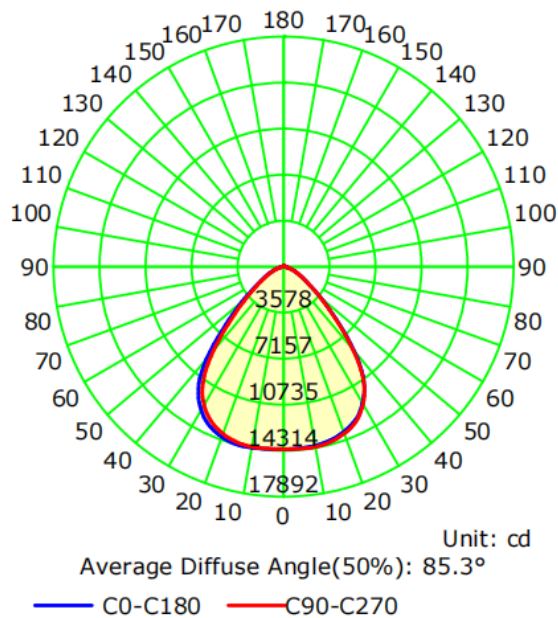
Upward Ratio: 0%

C0r0 Intensity: 14191.06 cd

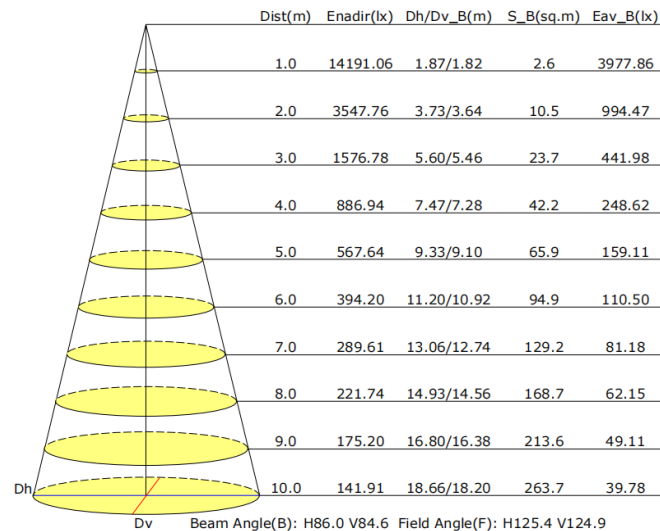
Pos of Max. Intensity: H180 V12

S/MH(C90/C270): 1.27

Luminous Intensity Distribution Curve



Illuminance at a Distance



LED High Bay Light

NOTICE FOR USER

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

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.