



LED Linear High Bay SZ-LHB165W

Advantage:

- UL cUL DLC certificate.
- Lumileds Chip, high CRI.
- Input voltage 100-277VAC.
- Output constant current lever can be
- adjusted through output cable with 1-10V.
- 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.



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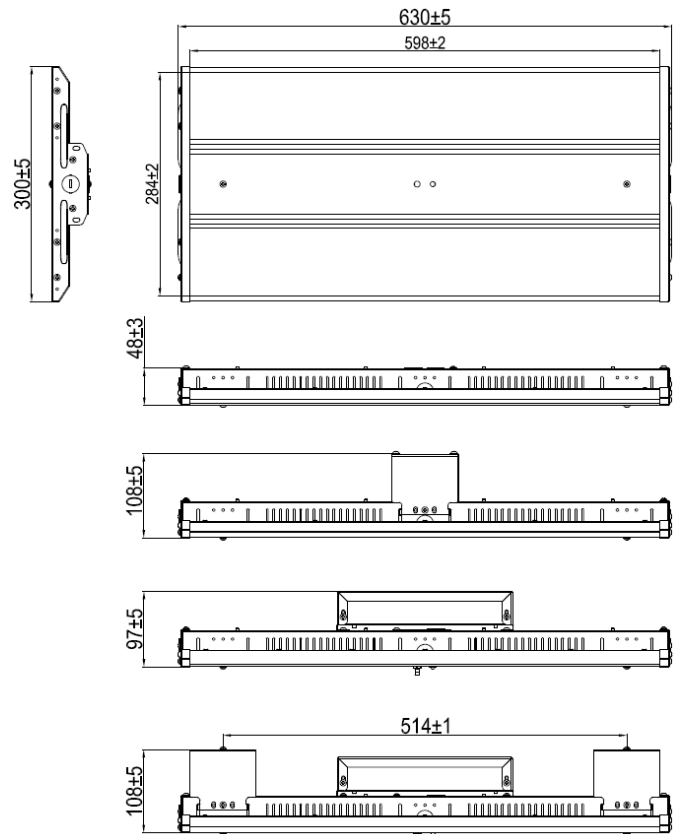
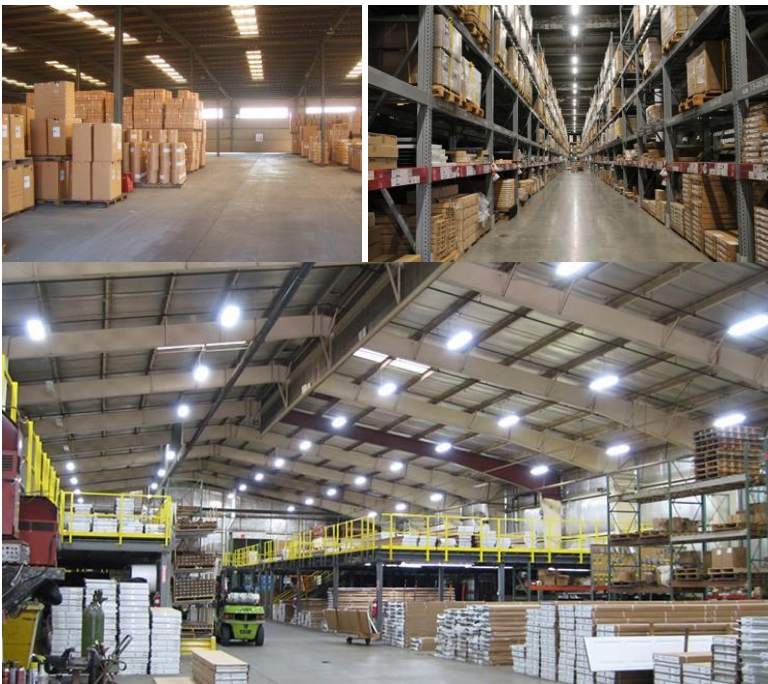
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Application:

- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.



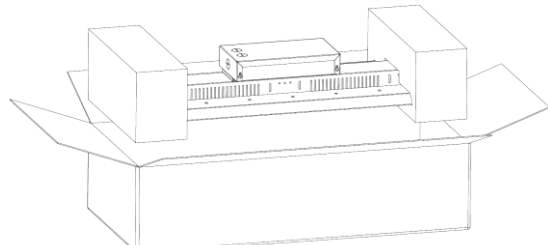
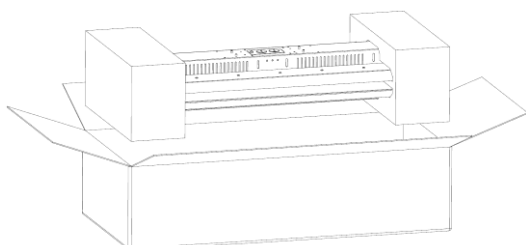
Specifications

OPTICAL	Input Power	165W
	Color Temperature	4000K, 4500K, 5000K, 5700K
	Lumen (Tolerance : -10%)	22000~23900LM
	Efficacy (Tolerance : -3%)	135-145LM/W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	UGR	<26 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)
	Diffuser Type	PMMA Lens
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree
ELECTRICAL	Input Voltage and Frequency	100-277VAC, 50/60Hz
	PF	≥0.9
	THD	≤20%
	Flicker Percent	<5%
	Driver Brand	Weled Power (2PCS)
	Driver Surge protection	L/N-PE: 4kV, L-N: 2kV
	Dimming	1-10V dimming standard
	Optional Accessory	Motion Sensor, PIR Sensor, Emergency Power Supply (20W/90min)
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	504 PCS
	Housing	IRON
	Housing Color	White
	Waterproof Rating	DAMP (IP20)
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -40℃ TO 50℃
		With Motion Sensor: -35℃ TO 50℃
		With Emergency Power Supply: 0℃ TO 50℃
	Storage Temperature	-40℃ TO 80℃
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at

Package

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	720*360*185 MM	2 PCS	3.6 KG/PC	8.7 KG
Outer box (Sensor)	860*360*130 MM	1 PC	3.9 KG/PC	5.1 KG
Outer box (Backup Driver)	700*360*170 MM	1 PC	5.0 KG/PC	6.2 KG
Outer box (Backup Driver + Sensor)	860*360*180 MM	1 PC	5.2 KG/PC	6.4 KG

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

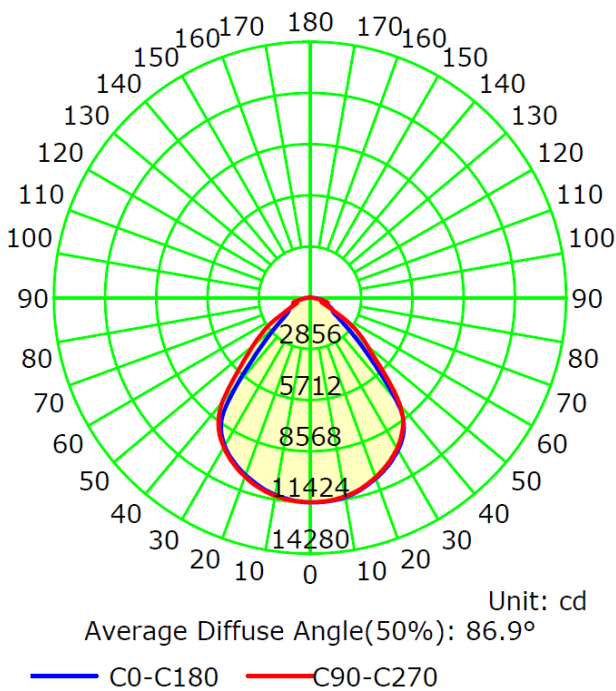


Light Distribution Testing Parameters

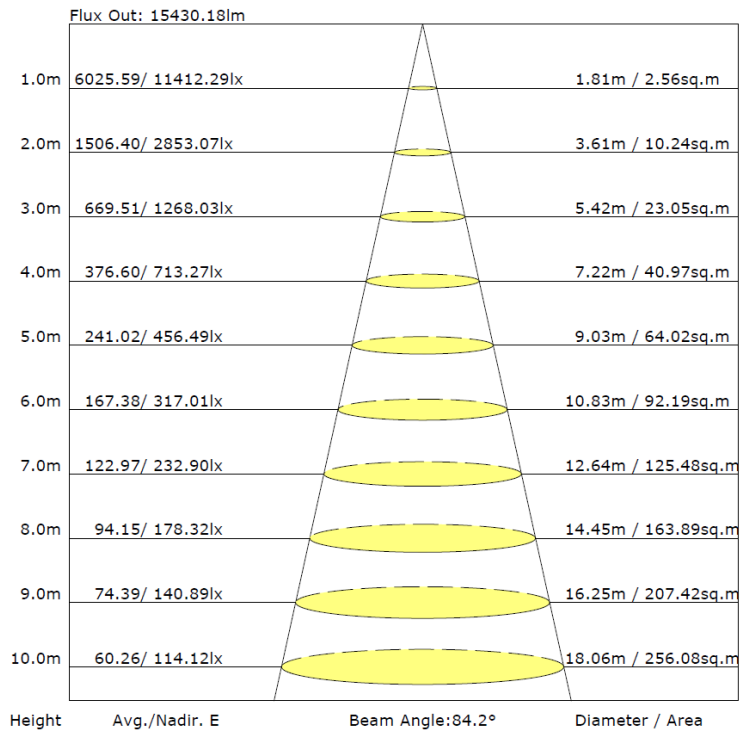
Photometric Results

CIE Class: Direct
 Measurement Flux: 22975.9 lm
 Downward Ratio: 99%
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 130.5, 126.8, 139.0, 139.3
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 84.2, 89.6, 87.5, 87.6
 Luminaire Efficacy Rating (LER): 137.09
 Max. Intensity: 11424.09 cd
 S/MH(C0/C180): 1.25
 Total Rated Lamp Lumens: 22975.9 lm
 Efficiency: 100%
 Upward Ratio: 1%
 C0r0 Intensity: 11412.29 cd
 Pos of Max. Intensity: H337.5 V2
 S/MH(C90/C270): 1.26

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.