



LED High Bay Light



P/N: PLT-11911 / PLTSN122422

21,700 Lumens - LED Round High Bay -

150 Watt - 400W MH Equal - 5000

Kelvin - 277-480 Volt

ADVANTAGE

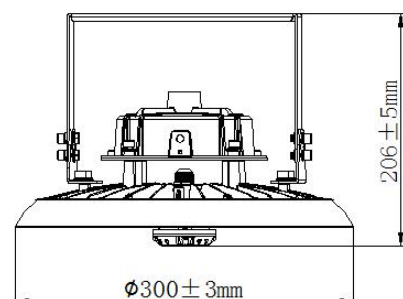
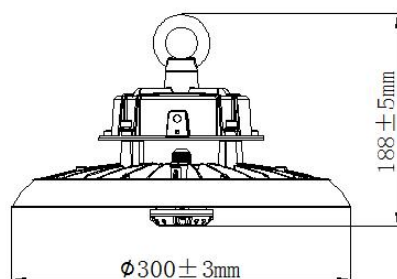
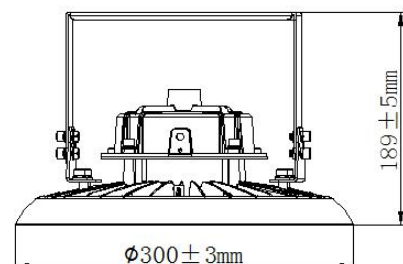
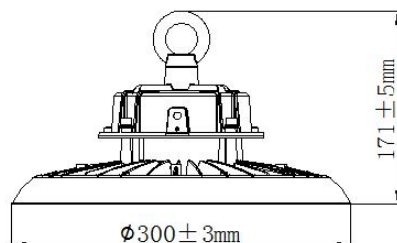
- UL certified, wet location
- Lumileds Chip, high CRI
- Input voltage 277-480VAC
- Output constant current lever can be adjusted through output cable with 0-10V
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Light is soft and uniform, safe to eyes
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- 6 ft. whip

APPLICATION

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



DIMENSIONS



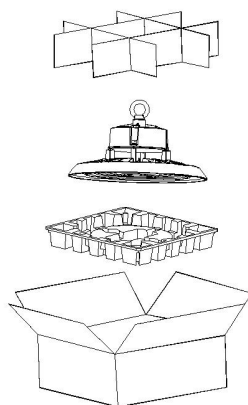
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	150W				
	Color Temperature	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	20361LM	20798LM	20773 LM	21700LM	20723LM
	Efficacy (Tolerance : -3%)	136 LM/W	138LM/W	138LM/W	145LM/W	137LM/W
	CRI	>80				
	Color Consistency	<5 Steps (or <5 SDCM)				
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)				
	Diffuser Type	PC Lens				
	Beam Angle (50%) (Tolerance :	90 Degree				
ELECTRICAL	Input Voltage and Frequency	277-480VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥ 0.9				
	THD (Tolerance : $+5\%$)	$\leq 20\%$				
	Flicker Percent	<5%				
	Driver Brand					
	Driver Model					
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	Motion Sensor, PIR Sensor , Surge-protective Device				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	435PCS				
	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 with 24/7 operating hours Luminaire lifetime at 25°C .				

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	360*360*195MM	1 PC	2.4KG	3.4KG
Surface-mounted	360*360*195MM	1 PC	2.6 KG	3.5 KG

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



LIGHT DISTRIBUTION TESTING PARAMETERS**Luminaire Property**

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.541 A
Power Factor: 0.999

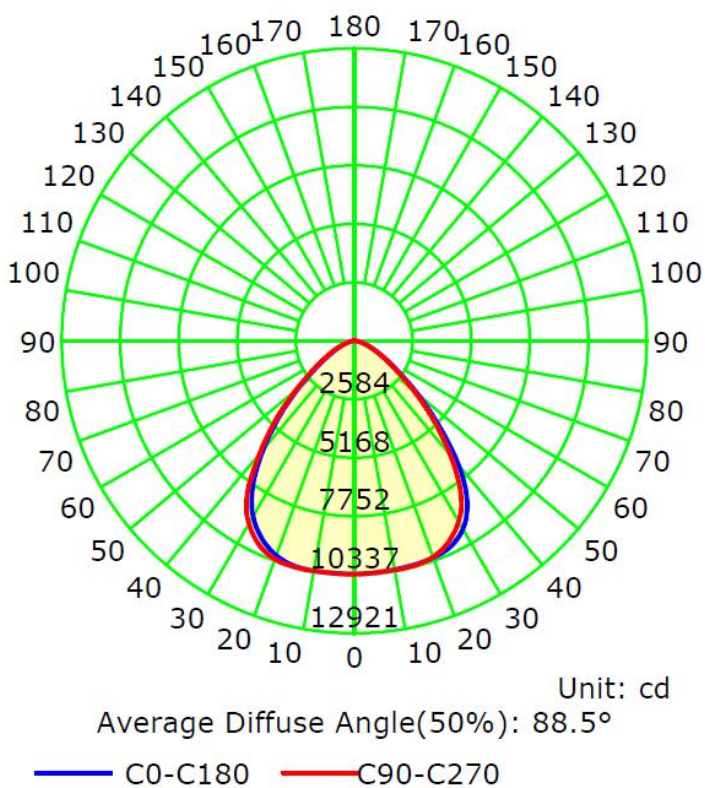
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 277.0 V
Power: 149.62 W

Photometric Results

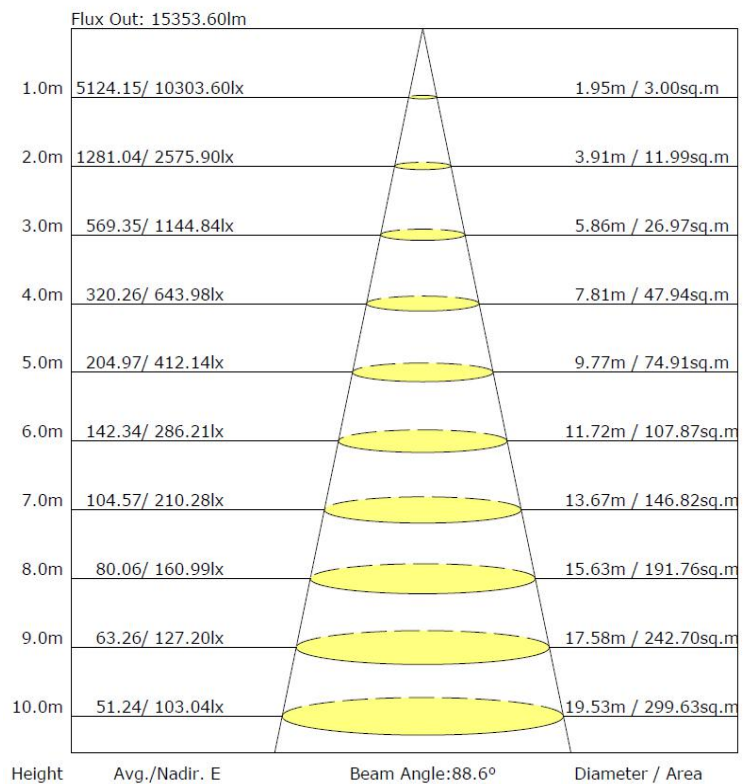
CIE Class: Direct
Measurement Flux: 21007.6 lm
Downward Ratio: 99%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 128.4, 129.1, 128.7, 129.7
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.6, 88.4, 88.6, 88.1
Luminaire Efficacy Rating (LER): 140.46
Max. Intensity: 10337.1 cd
S/MH(C0/C180): 1.30

Total Rated Lamp Lumens: 21007.6 lm
Efficiency: 100%
Upward Ratio: 1%
C0r0 Intensity: 10303.6 cd
Pos of Max. Intensity: H270 V14
S/MH(C90/C270): 1.30

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



NOTICE FOR USER

- Please turn off the power before installing or changing assembly parts.
- Ensure the input voltage matches the fixture's 120-277V input capabilities.
- Only professional electricians should install or disassemble this fixture.

TROUBLE SHOOTING

Trouble	Check points
Flickering Light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then contact PLT, your lighting supplier.
Does Not work	Please check the electrical connections.