



LED High Bay Light



P/N: PLT-11906 / PLTSN171422

35,000 Lumens - 240 Watt - 1000W

MH Equal - 5000 Kelvin - 120-277 Volt

ADVANTAGE

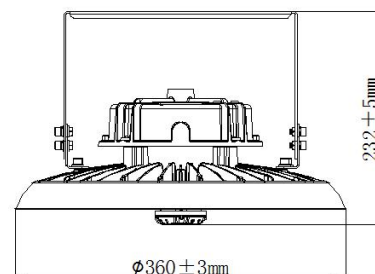
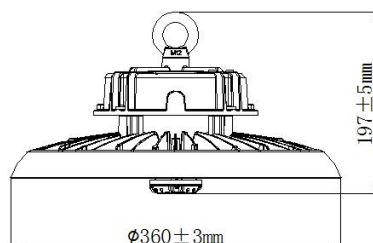
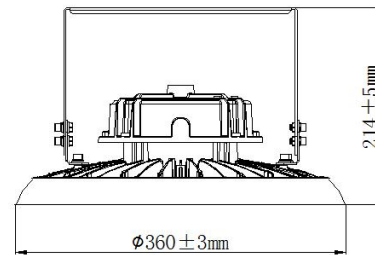
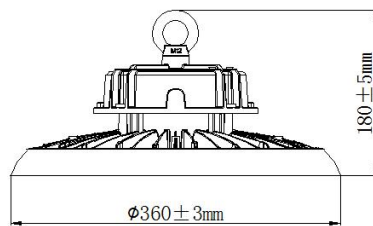
- UL certified, wet location
- high CRI
- Input voltage 120-277VAC
- Output constant current lever can be adjusted through output cable with 0-10V
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Light is soft and uniform, safe to eyes
- Instant start, NO flickering,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

APPLICATION

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



DIMENSIONS



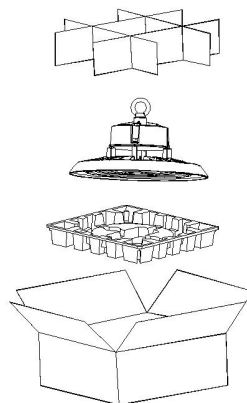
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	240W				
	Color Temperature	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	32731LM	35000LM	33618LM	35000LM	33300LM
	Efficacy (Tolerance : -3%)	135.5 LM/W	146LM/W	140LM/W	146LM/W	138.5LM/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	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Flicker Percent	<5%				
	Driver Brand					
	Driver Model					
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	Motion Sensor, PIR Sensor , Surge-protective Device				
MATERIALS	LED Brand	PLT				
	LED Type	SMD2835				
	LED QTY	720PCS				
	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 warranty with 24/7 operating hours Luminaire lifetime at 25℃.					

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	420x420x205MM	1 PC	3.6KG	4.7KG
Surface-mounted	420x420x205MM	1 PC	4.0KG	5.2KG

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



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 2.013 A
 Power Factor: 0.999

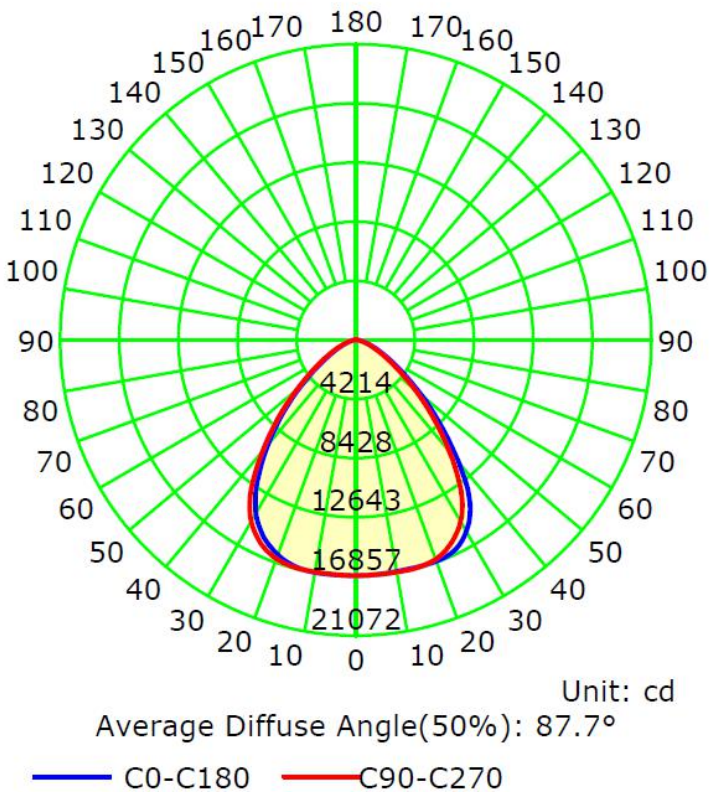
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 241.29 W

Photometric Results

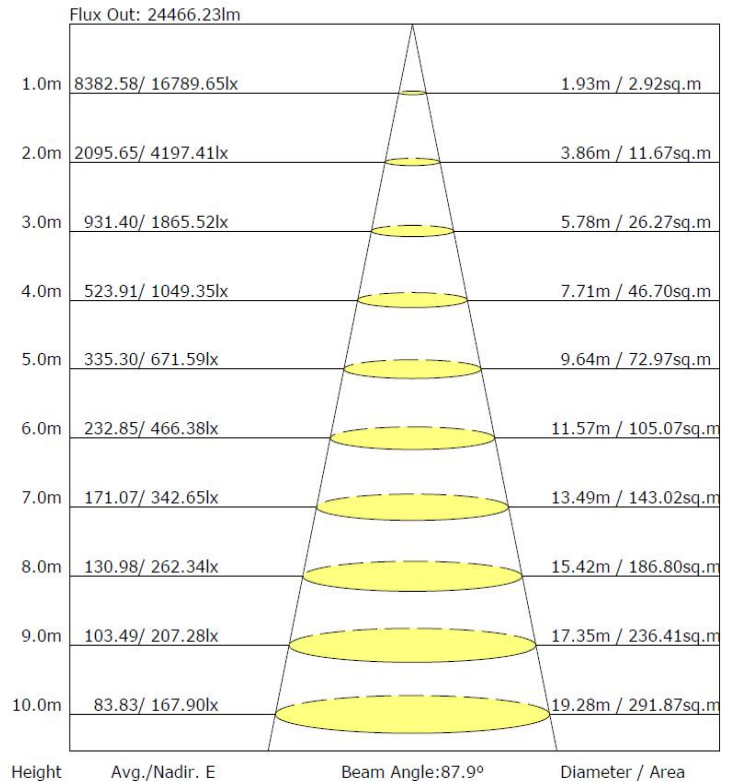
CIE Class: Direct
 Measurement Flux: 33777.8 lm
 Downward Ratio: 99%
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 128.7, 128.6, 129.1, 128.1
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 87.9, 87.5, 87.2, 87.6
 Luminaire Efficacy Rating (LER): 140.04
 Max. Intensity: 16857.91 cd
 S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 33777.8 lm
 Efficiency: 100%
 Upward Ratio: 1%
 C0r0 Intensity: 16789.65 cd
 Pos of Max. Intensity: H337.5 V20
 S/MH(C90/C270): 1.28

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 SHOOTINGS

Troubles	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 connection.