



## LED High Bay Light

P/N: PLT-11910 / PLTSN132412

34,800 Lumens - LED Round High Bay -  
240 Watt - 1000W MH Equal - 5000 Kelvin



### 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

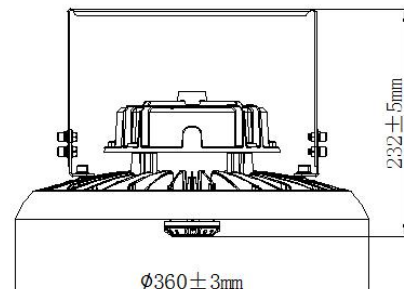
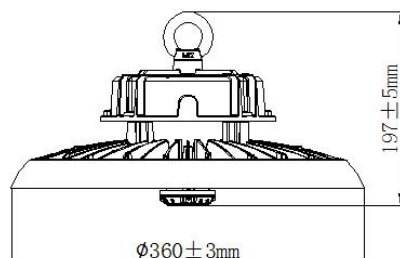
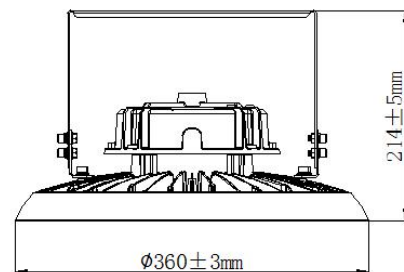
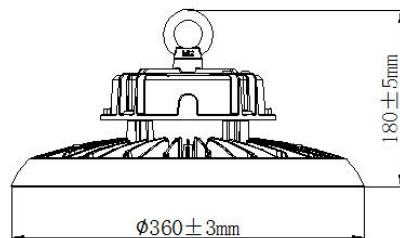


### APPLICATION

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

Surface mounting - use U-bracket PLT-12283

### DIMENSIONS



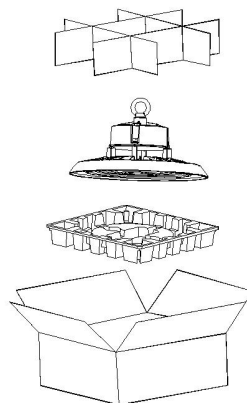
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	240W				
	Color Temperature	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	32928LM	34052LM	34025LM	34800LM	34972LM
	Efficacy (Tolerance : -3%)	136 LM/W	141LM/W	141LM/W	145LM/W	140LM/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				
<b>ELECTRICAL</b>	Input Voltage and Frequency	277-480VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤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				
<b>MATERIALS</b>	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	720PCS				
	Housing	Die-cast aluminum				
	Housing Color	Black, White, or Customized				
	Waterproof Rating	WET (IP65)				
<b>OTHERS</b>	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	420x420x205MM	1 PC	3.7KG	4.9KG
Surface-mounted	420x420x205MM	1 PC	4.2KG	5.3 KG

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: 0.874 A  
 Power Factor: 0.997

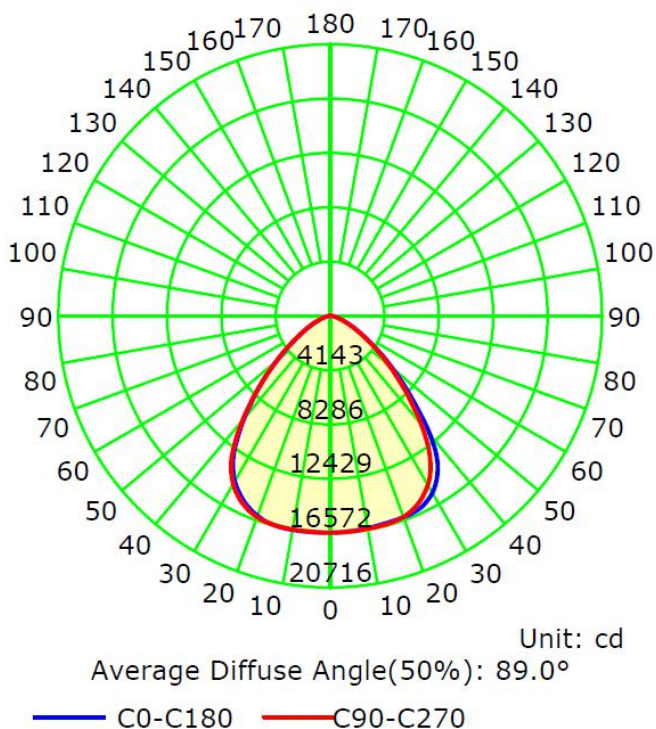
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 277.0 V  
 Power: 241.26 W

### Photometric Results

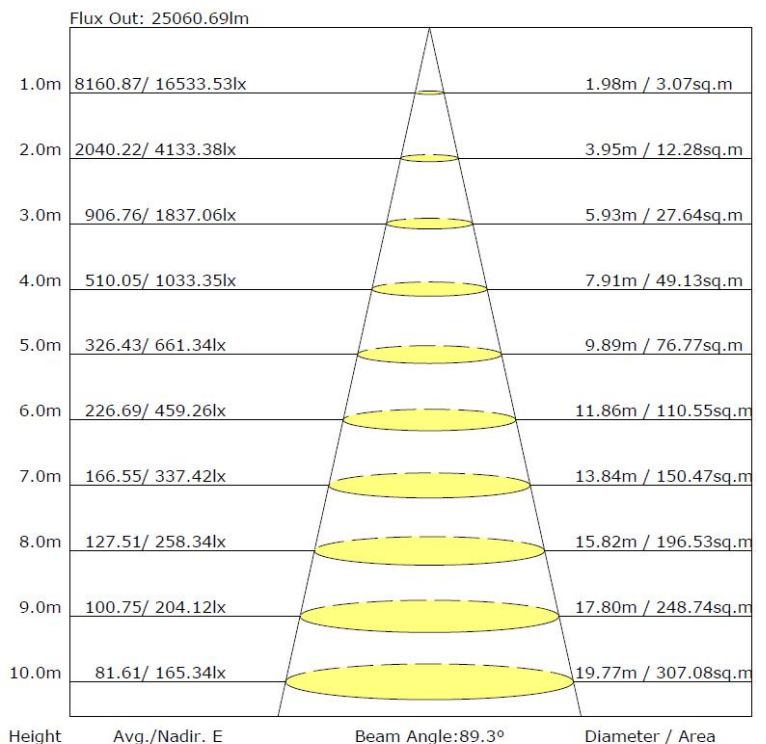
CIE Class: Direct  
 Measurement Flux: 34051.7 lm  
 Downward Ratio: 100%  
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 129.2, 129.6, 129.9, 127.3  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 89.3, 88.7, 89.6, 88.8  
 Luminaire Efficacy Rating (LER): 141.19  
 Max. Intensity: 16572.98 cd  
 S/MH(C0/C180): 1.31

Total Rated Lamp Lumens: 34051.7 lm  
 Efficiency: 100%  
 Upward Ratio: 0%  
 C0r0 Intensity: 16533.53 cd  
 Pos of Max. Intensity: H180 V12  
 S/MH(C90/C270): 1.30

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

<b>Troubles</b>	<b>Check points</b>
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.