



**PLT-13075** - 240W, 34,458 Lumens, 5000K, 1000W MH Equal, Black Finish, w/ Sensor

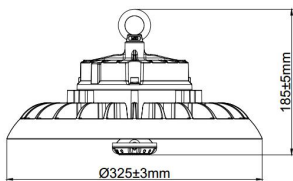
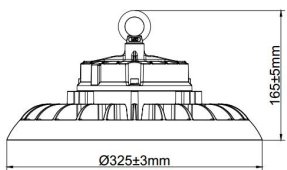
**PLT-13076** - 240W, 34,458 Lumens, 5000K, 1000W MH Equal, White Finish, w/ Sensor

**NOTE:** Plastic cap must be removed from prongs before installing the sensor to the fixture.

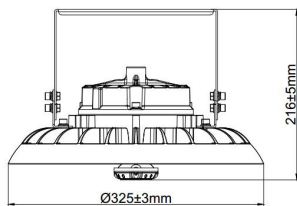
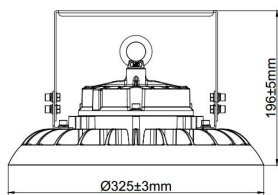


## DIMENSIONS

### Pendent



### Surface-mounted\*



\*Bracket sold separately

- PLTS-12377 - White Finish
- PLTS-12378 - Black Finish

## ADVANTAGE

- UL cUL
- Lumileds or Samsung Chip.
- Input voltage 120-277VAC.
- Output constant current 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.
- 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.

## SPECIFICATIONS

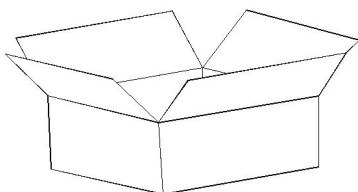
<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	240W				
	Color Temperature	3500K*	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : -10%)	34172.1	34342.4	34512.7	34,458	34853.3
	Efficacy (Tolerance : -3%)	145.14	145.87	146.60	151	148.06
	CRI	>80				
	Color Consistency	<6 Steps (or <6 SDCM)				
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)				
	Diffuser Type	PC Lens				
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree				
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Flicker Percent	<10%				
	Driver Brand	Lifud Driver				
	Driver Model	LF-FHB200YAIV				
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	Motion Sensor, PIR sensor <sup>1</sup> , Surge-protective Device <sup>2</sup>				
<b>MATERIALS</b>	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	400PCS				
	Housing	Die-cast aluminum				
	Housing Color	Black or 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					

\*Alternate color temperatures and/or finishes available via Special Order. Please call 1-800-624-4488.  
5000K Version with white finish & no sensor - PLT-13077

## PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	340*340*145mm	1 PC	2.6KG	3.3KG
Surface-mounted	340*340*145mm	1 PC	3.3KG	4.2KG

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



### Optional Accessories:

<sup>1</sup>PIR Sensor - NPS-00195\*

<sup>2</sup>Surge-protective Device - NPS-00029

Motion Sensor Remote - PLTS-12281

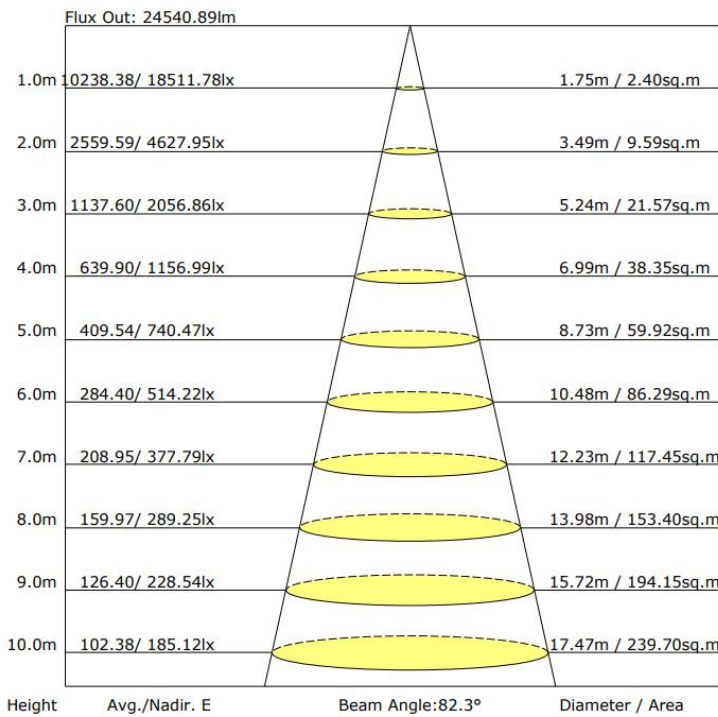
**Special order items. Please call 1-800-624-4488 for more information**

## LIGHT DISTRIBUTION TESTING PARAMETERS

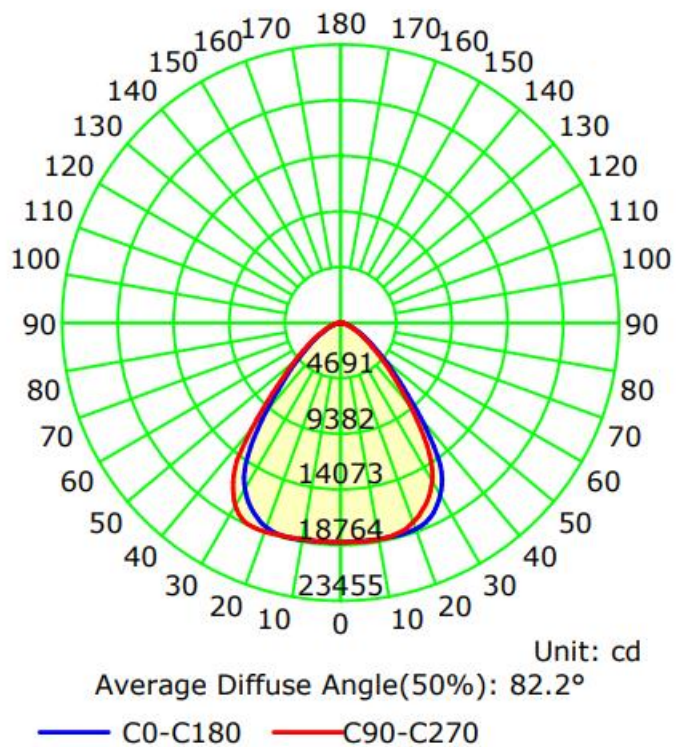
### Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 34172.1 lm
Measurement Flux: 34172.1 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H123,H82.3	
Vertical Diffuse Angle(10%,50%): V122.7,V82.2	
Luminaire Efficacy Rating (LER): 145.19	C0r0 Intensity: 18511.78 cd
Max. Intensity: 18764.6 cd	Pos of Max. Intensity: H270 V22
S/MH(C0/C180): 1.28	S/MH(C90/C270): 1.28

#### The Average Illuminance Effective Figure



#### Luminous Intensity Distribution Curve



### NOTICE FOR USER

- Please turn off power before installation or maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Please make sure the wiring is insulated.
- Installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.

### TROUBLESHOOTING

Problem	Solution
Flickering Light	Turn off the power, then turn on again after 3 minutes. If the light continues to flicker, call a licensed electrician.
Fixture not turning on	Check the electrical connection.