



For more information, call  
1-800-624-4488 or visit  
1000Bulbs.com

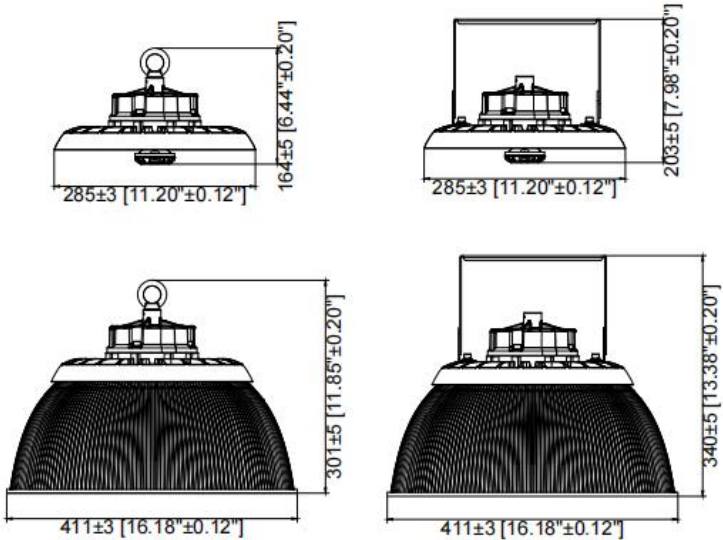
**PLT-12693** - 125W, 3500K, 21,000 Lumens,  
Black Finish



**DIMENSIONS**

**Pendent**

**Surface-mounted\***



**ADVANTAGE**

- UL cUL certificate.
- Lumileds Chip, high CRI.
- 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
- Exhibition hall;
- Gymnasium and supermarkets, etc.

\*Surface Mount Bracket - PLTS-12378

## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	150W				
	Color Temperature	3500K	4000K*	4500K**	5000K***	5700K****
	Lumen (Tolerance : ±10%)	21000LM	21150LM	21300LM	21450LM	21600LM
	Efficacy (Tolerance : ±3%)	140LM/W	141LM/W	142LM/W	143LM/W	144LM/W
	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	<5%				
	Driver Brand	LiFUD				
	Driver Model	LF-FHB150YAIV				
	Driver Surge protection	L/N- PE: 6kV, L-N: 6kV				
	Dimming	0-10V dimming standard				
	Sensor type	Daylight Sensor <sup>1</sup> , Occupancy Sensor <sup>2</sup> , Multifunction Sensor <sup>3</sup> , Integral sensor Receptacle <sup>4</sup>				
	Optional Accessory	Motion microwave Sensor <sup>5</sup> , Motion PIR Sensor <sup>6</sup> Surge-protective Device <sup>7</sup>				
<b>MATERIALS</b>	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	240 PCS				
	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					

## PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent With Reflector	420*420*240mm [16.54*16.54*9.45 inch]	1 PC	2.33KG [5.14 LBS]	3.4KG [7.50 LBS]
Surface-mounted With Reflector	420*420*240mm [16.54*16.54*9.45 inch]	1 PC	2.93 KG [6.46 LBS]	4.0KG [8.82 LBS]

Tolerance of Carton Size: ±15 mm[±0.59 inch], Tolerance of Weight: ±10%.



### Alternate Versions:

- \*4000K Version - NPS-00037 Special Order. Call 1-800-624-4488
- \*\*4500K Version - NPS-00038 Special Order. Call 1-800-624-4488
- \*\*\*5000K Version - NPS-00039 Special Order. Call 1-800-624-4488
- \*\*\*\*5700K Version - NPS-00040 Special Order. Call 1-800-624-4488
- \*\*\*\*\*Optional finish options available via Special Order. Call 1-800-624-4488

### Optional Accessories:

- <sup>1</sup>Daylight Sensor - NPS-00014\*
- <sup>2</sup>Occupancy Sensor - PLT-12844
- <sup>3</sup>Multifunction Sensor - NPS-00016\*
- <sup>4</sup>Integral Sensor Receptacle - NPS-00017\*
- <sup>5</sup>Motion Microwave Sensor - NPS-00041\*
- <sup>6</sup>Motion PIR Sensor - NPS-00042\*
- <sup>7</sup>Surge-protective Device - NPS-00029\*
- Motion Sensor Remote - PLTS-12281 (for use w/ PLT-12844)

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

**LIGHT DISTRIBUTION TESTING PARAMETERS**

**Luminaire Property**

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -410

Luminous Height (mm): 157

Current: 1.240 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -410

Voltage: 120.0 V

Power: 148.52 W

**Photometric Results**

CIE Class: Direct

Measurement Flux: 21054.5 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H110.6,H83.5

Vertical Diffuse Angle(10%,50%): V110.5,V83.4

Luminaire Efficacy Rating (LER): 141.81

Max. Intensity: 12200.47 cd

S/MH(C0/C180): 1.34

Total Rated Lamp Lumens: 21054.5 lm

Efficiency: 100%

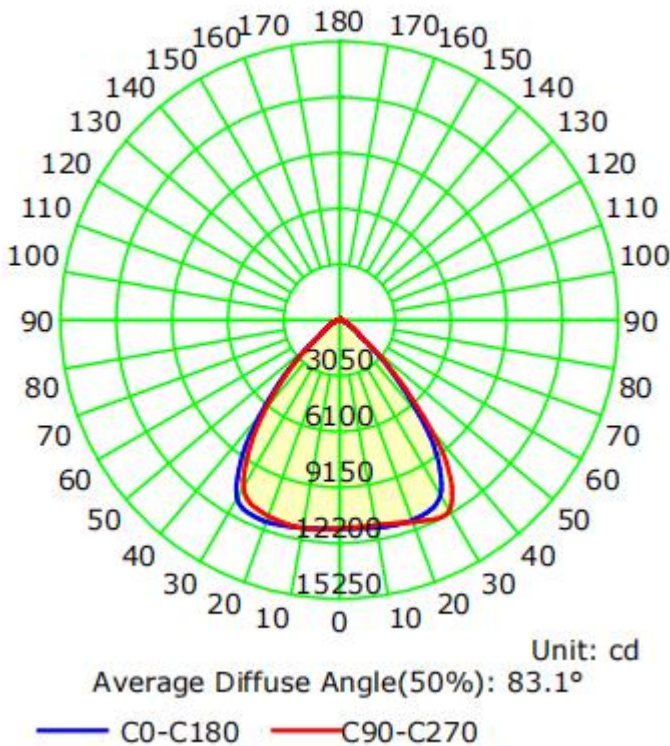
Upward Ratio: 1%

C0r0 Intensity: 11412.93 cd

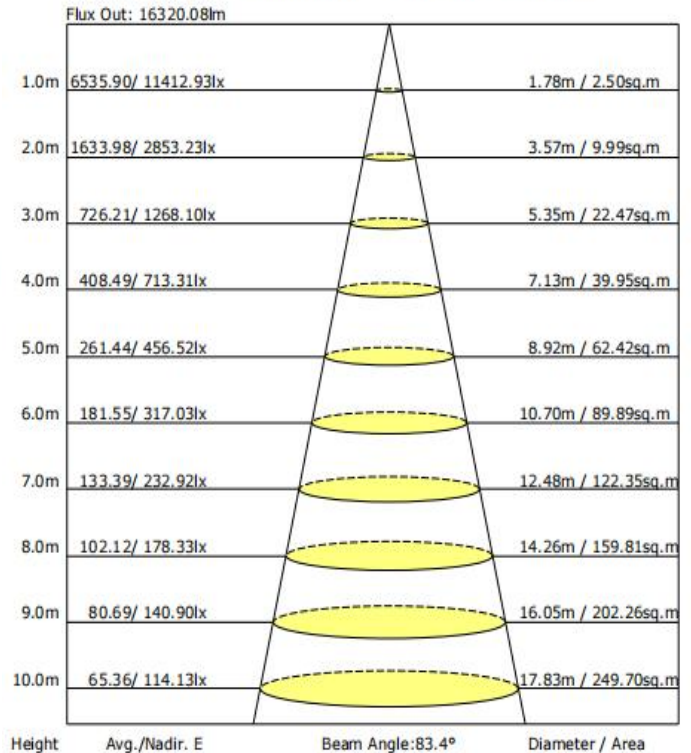
Pos of Max. Intensity: H112.5 V28

S/MH(C90/C270): 1.35

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure





**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**

<b>Problem</b>	<b>Solution</b>
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.