



**PLT-13139** - 200/240/300W, Up to 48,000 Lumens, 3500/4000/5000K, 120-277V

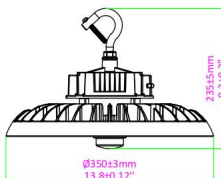
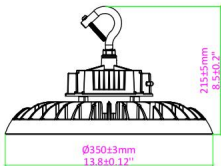
- Sensor Ready
- Comes with hook mount

Includes 1pc Ring mount & 1pc Hook mount

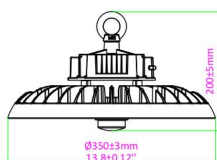
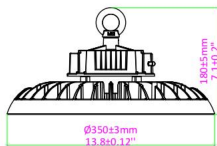


### DIMENSIONS

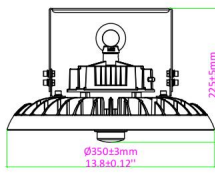
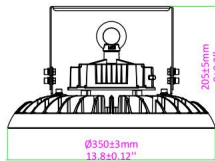
#### Hook



#### Ring



#### Surface-mounted w/ PLT-12378



### ADVANTAGE

- UL
- Lumileds Chip.
- Input voltage 240-270VAC.
- Output can be dimmed with 0-10V dimmers.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

### APPLICATION

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

## SPECIFICATIONS

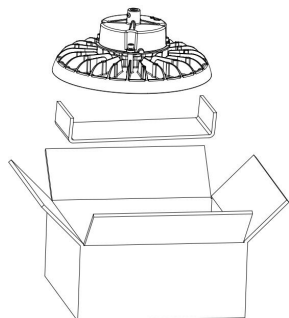
<b>OPTICAL</b>	Input Power** (Tolerance : ±10%)	300W (wattage tunable 25%-100% or 300W/240W/200W)		
	Color Temperature**	3500K	4000K	5000K
	Lumen** (Tolerance : -10%)	143LM/W	160LM/W	148LM/W
	Efficacy (Tolerance : -3%)	42500LM	48000LM	44000LM
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	UGR	<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	Fahold Driver (0-10V dimming )		
	Driver Model	K1-320B-260A12		
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming standard(off)		
	Optional Accessory	Motion microwave Sensor <sup>1</sup> , PIR motion sensor <sup>2</sup> , Surge-protective Device <sup>3</sup> , Wire guard <sup>4</sup> , Reflector shield		
<b>MATERIALS</b>	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	480*2PCS		
	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			

\*Custom finish options available via Special Order. Call 1-800-624-4488

## PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	370*370*155MM[14.57*14.57*6.10inch]	1PCS	3.8KG[8.38LBS]	4.4KG[9.59LBS]
Surface-mounted	370*370*155MM[14.57*14.57*6.10inch]	1PCS	4.2KG[9.26LBS]	4.9KG[10.8LBS]

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



### Optional Accessories:

- <sup>1</sup>Motion Microwave Sensor - PLT-13135
  - <sup>2</sup>PIR Motion Sensor - PLT-13136
  - <sup>3</sup>Surge-protective Device - NPS-00029
  - <sup>4</sup>Wire Guard - NPS-00170
  - <sup>5</sup>Reflector Shield - NPS-00170
- Sensor Remote Control - PLT-13137

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

**LIGHT DISTRIBUTION TESTING PARAMETERS 5000K**

**Luminaire Property**

Luminaire Manufacturer:  
Voltage: 121.0 V  
Power: 286.10 W

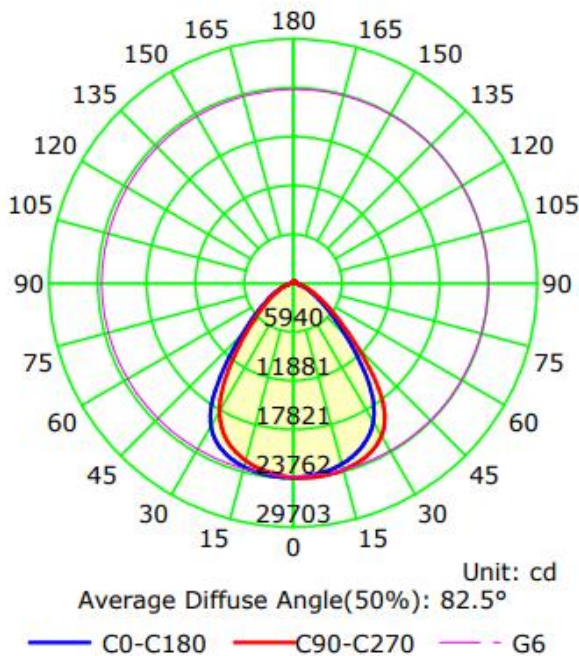
Current: 2.369 A  
Power Factor: 0.998

**Photometric Results**

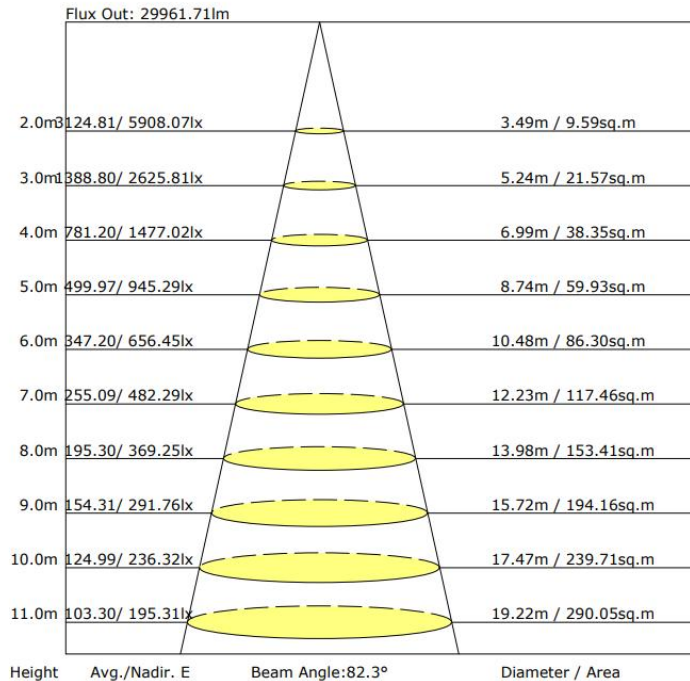
CIE Class: Direct  
Measurement Flux: 43893.7 lm  
Downward Ratio: 99%  
Horizontal Diffuse Angle(10%,50%): H127.1,H82.3  
Vertical Diffuse Angle(10%,50%): V127.7,V82.7  
Luminaire Efficacy Rating (LER): 153.47  
Max. Intensity: 23762.42 cd  
S/MH(C0/C180): 1.23

Total Rated Lamp Lumens: 43893.7 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 23632.27 cd  
Pos of Max. Intensity: H90 V6  
S/MH(C90/C270): 1.22

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 luminaries 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.