

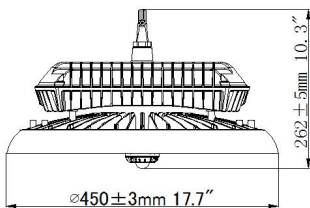
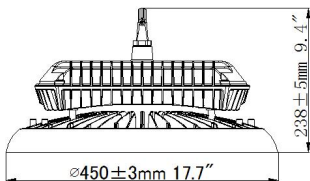


PLT-13081 - 400W, 56,400 Lumens, 5000K, 1500W MH Equal, 277-480V, Black Finish

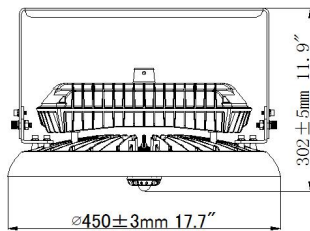
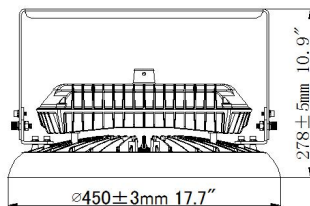


DIMENSIONS

Pendent



Surface-mount PLTS-12284



ADVANTAGE

- UL cUL
- Lumileds Chip
- 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
- 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

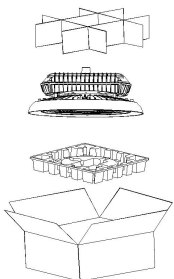
OPTICAL	Input Power (Tolerance : ±10%)	400W				
	Color Temperature	3500K*	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : -10%)	54000 LM	54400LM	54400LM	56,400LM	55200LM
	Efficacy (Tolerance : -3%)	135 LM/W	136LM/W	136LM/W	136LM/W	138LM/W
	CRI	>80				
	Color Consistency	<6 Steps (or <6 SDCM)				
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)				
	Diffuser Type	PC Lens				
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree				
ELECTRICAL	Input Voltage and Frequency	277-480VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Flicker Percent	<5%				
	Driver Brand	SOSEN Driver (0-10V dimming)				
	Driver Model	SS-240M-56BH*2				
	Driver Surge protection	L-N: 10kV, L/N-PE: 4kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	Motion Sensor ¹ , Surge-protective Device ²				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	1120PCS				
	Housing	Die-cast aluminum				
	Housing Color	Black, White*, or Customized*				
	Waterproof Rating	WET (IP65)				
OTHERS	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.					

***Alternate versions and finishes available via Special Order. Call 1-800-624-4488.**

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	510*510*230mm	1 PC	6.9KG	8.3KG
Surface-mounted	510*510*230mm	1 PC	9KG	10.4KG

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



Optional Accessories**:

¹Motion Sensor - NPS-00259

²Surge-Protective Device - NPS-00029

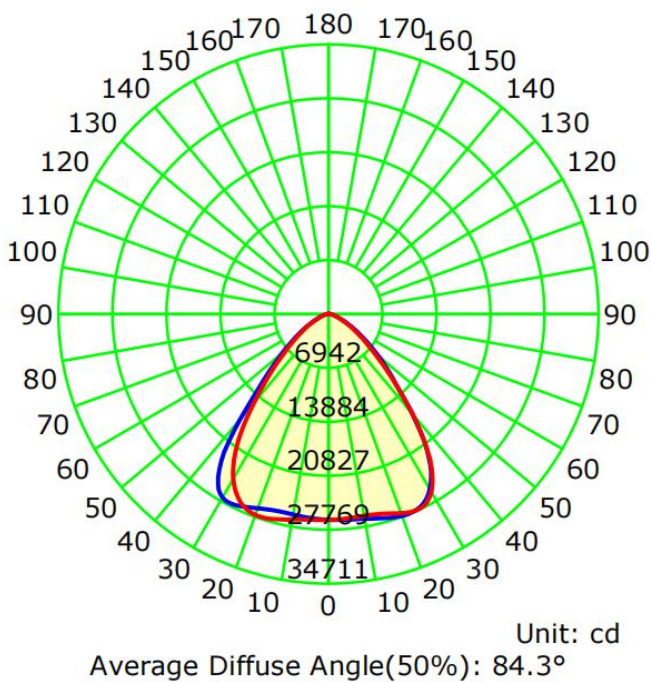
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LIGHT DISTRIBUTION TESTING PARAMETERS

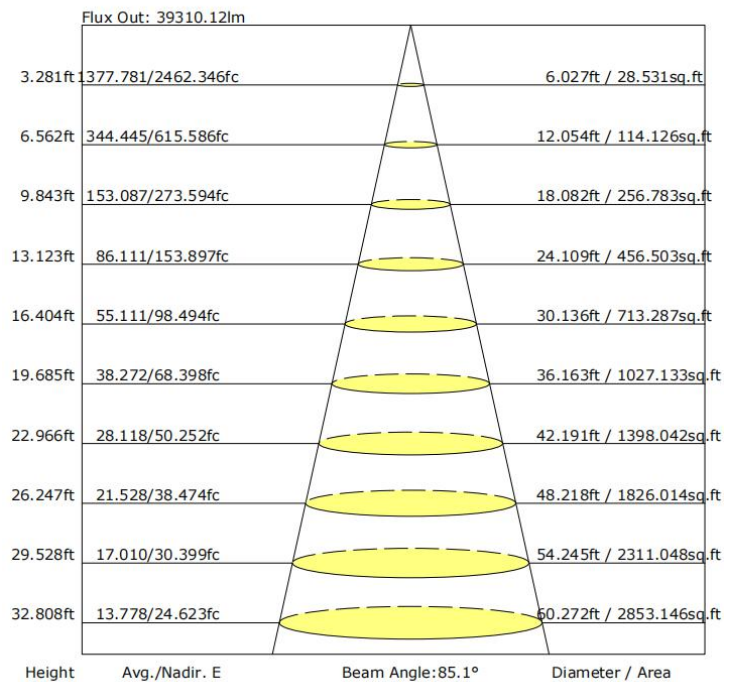
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 53370.1 lm
Measurement Flux: 53370.1 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.1, 123.1, 123.1, 126.0	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 85.1, 83.5, 85.6, 84.1	
Luminaire Efficacy Rating (LER): 134.84	C0r0 Intensity: 26504.47 cd
Max. Intensity: 27769.41 cd	Pos of Max. Intensity: H67.5 V26
S/MH(C0/C180): 1.38	S/MH(C90/C270): 1.33

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

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.