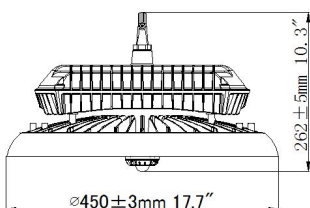**UL LISTED**

DLC LISTED

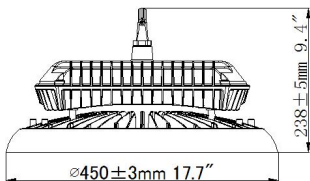**PLT-12736** - 400W, 56,400 Lumens, 5000K, 1000W MH Equal, White Finish, Sensor Ready
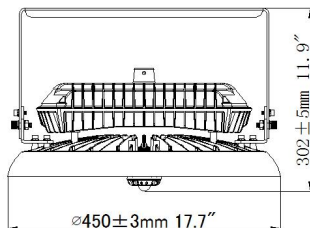- DLC 5.1 Standard - PLTSN151412

ADVANTAGE

- UL cUL, DLC
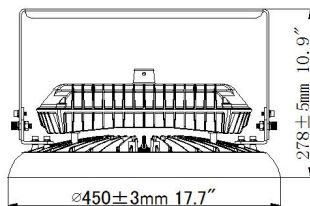- Lumileds Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

DIMENSIONS

Pendent   **Surface-mounted***

238±5mm 9.4"   278±5mm 10.9"
∅450±3mm 17.7"   ∅450±3mm 17.7"

262±5mm 10.3"   302±5mm 11.9"
∅450±3mm 17.7"   ∅450±3mm 17.7"

Special order item. Call 1-800-624-4488.

APPLICATION

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

SPECIFICATIONS

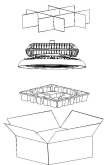|						
OPTICAL	Input Power (Tolerance : ±10%)	400W				
	Color Temperature	3500K*	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : -10%)	54000 LM	55600LM	56400LM	56400LM	57200LM
	Efficacy (Tolerance : -3%)	136 LM/W	139LM/W	141LM/W	141LM/W	143LM/W
	CRI	>80				
	Color Consistency	＜6 Steps (or ＜6 SDCM)				
	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	120-277VAC, 50/60Hz				
	PF (Tolerance : -3%)	≥0.9				
	THD (Tolerance : +5%)	≤20%				
	Flicker Percent	＜5%				
	Driver Brand	SOSEN Driver (0-10V dimming)				
	Driver Model	SS-200NH-260BH*2				
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	Motion Sensor[A], Surge-protective Device[B]				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	1120PCS				
	Housing	Die-cast aluminum				
	Housing Color	White (Black or Customized**)				
	Waterproof Rating	WET（IP65）				
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃				
		With Motion Sensor: -30℃ TO 50℃				
	Storage Temperature	-40℃ TO 80℃				
	Operating Humidity	20％ - 90％ RH				
	Storage Humidity	10％ - 95％ RH				
	Warranty	5 year warranty				

Alternate versions available via Special order Please call 1-800-624-4488 for more information.
**Optional 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	510*510*230mm	1 PC	6.8KG	8.2KG
Surface-mounted	510*510*230mm	1 PC	8.9KG	10.3KG

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

Optional Accessories:
[A]Motion Sensor - NPS-00171
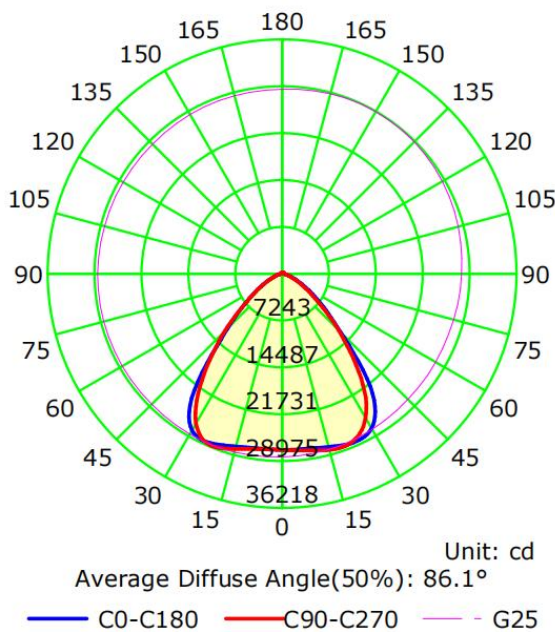[B]Surge-protective Device - NPS-00029

Special order items. Please call 1-800-624-4488 for more information.
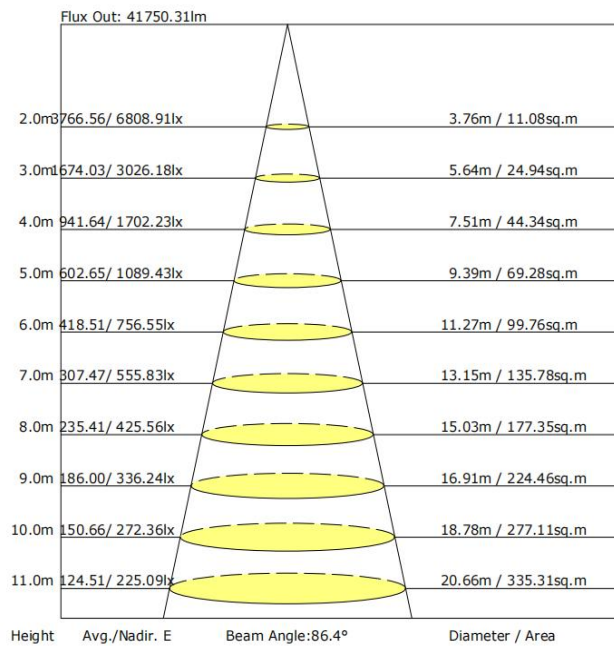
LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

CIE Class: Direct
Measurement Flux: 56605.6 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H126.3,H86.5
Vertical Diffuse Angle(10%,50%): V124.7,V86
Luminaire Efficacy Rating (LER): 141.71
Max. Intensity: 28975.17 cd
S/MH(C0/C180): 1.41

Total Rated Lamp Lumens: 56605.6 lm
Efficiency: 100%
Upward Ratio: 1%

Central Intensity: 27235.63 cd
Pos of Max. Intensity: H157.5 V25
S/MH(C90/C270): 1.33

Luminous Intensity Distribution Curve

Average Diffuse Angle(50%): 86.1°

— C0-C180   — C90-C270   --- G25

Unit: cd

The Average Illuminance Effective Figure

Flux Out: 41750.31lm

Height	Avg./Nadir. E	Beam Angle:86.4°	Diameter / Area
2.0m	3766.56/ 6808.91lx		3.76m / 11.08sq.m
3.0m	1674.03/ 3026.18lx		5.64m / 24.94sq.m
4.0m	941.64/ 1702.23lx		7.51m / 44.34sq.m
5.0m	602.65/ 1089.43lx		9.39m / 69.28sq.m
6.0m	418.51/ 756.55lx		11.27m / 99.76sq.m
7.0m	307.47/ 555.83lx		13.15m / 135.78sq.m
8.0m	235.41/ 425.56lx		15.03m / 177.35sq.m
9.0m	186.00/ 336.24lx		16.91m / 224.46sq.m
10.0m	150.66/ 272.36lx		18.78m / 277.11sq.m
11.0m	124.51/ 225.09lx		20.66m / 335.31sq.m

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.