



PLT-12718 - 100/120/150W - Up to 22,902 Lumens, 3500/4000/5000K, Sensor Ready

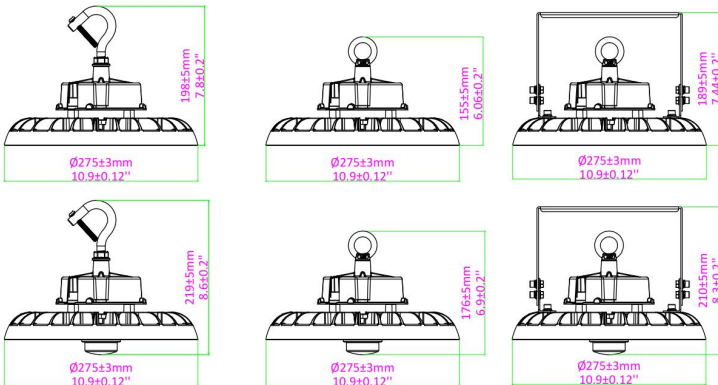
Packed with 1pc Ring mount & 1pc Hook mount



DIMENSIONS

Pendent

Surface-mounted w/ PLT-12378



ADVANTAGE

- UL cUL certificate.
- Lumileds 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 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%)	150W (wattage tunable 25%-100% or 150W/120W/100W)		
	Color Temperature**	3500K	4000K	5000K
	Lumen** (Tolerance : -10%)	168LM/W	153LM/W	152LM/W
	Efficacy (Tolerance : -3%)	21511LM	22902LM	22823LM
	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		
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-150CNL-E260BHD		
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming standard(off)		
	Optional Accessory	Motion microwave Sensor ¹ , PIR motion sensor ² , Surge-protective Device ³ , Wire guard ⁴ , Reflector shield ⁵		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	240*2PCS		
	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			

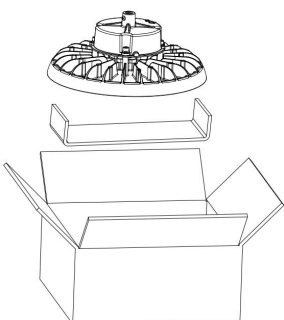
*Custom finish options available via Special Order. Call 1-800-624-4488

**See Selectable Table on page 4 for full breakdown.

PACKAGE

Lamp Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Pendent	295*295*140MM[11.61*11.61*5.51inch]	1PCS	2.1KG[4.63LBS]	2.5KG[5.51LBS]
Surface-mounted	295*295*140MM[11.61*11.61*5.51inch]	1PCS	2.5KG[5.51LBS]	2.9KG[6.39LBS]

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



Optional Accessories:

¹Motion Microwave Sensor - PLT-13135

²PIR Motion Sensor - PLT-13136

³Surge-protective Device - NPS-00029

⁴Wire Guard - NPS-00170

⁵Reflector 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: 121.1 V
 Power: 152.30 W

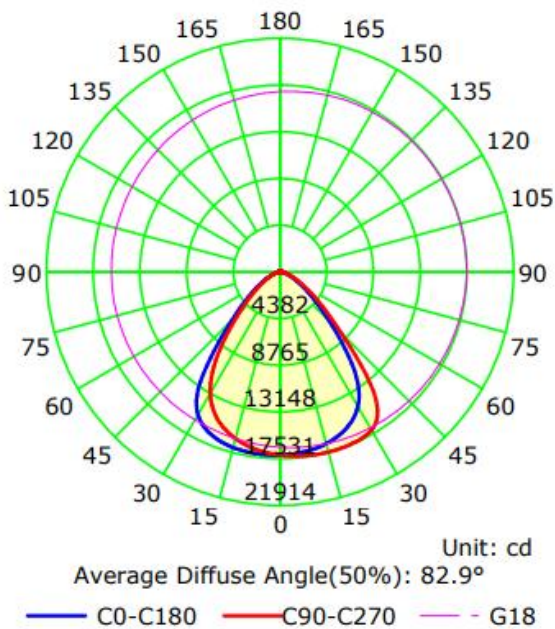
Current: 1.261 A
 Power Factor: 0.997

Photometric Results

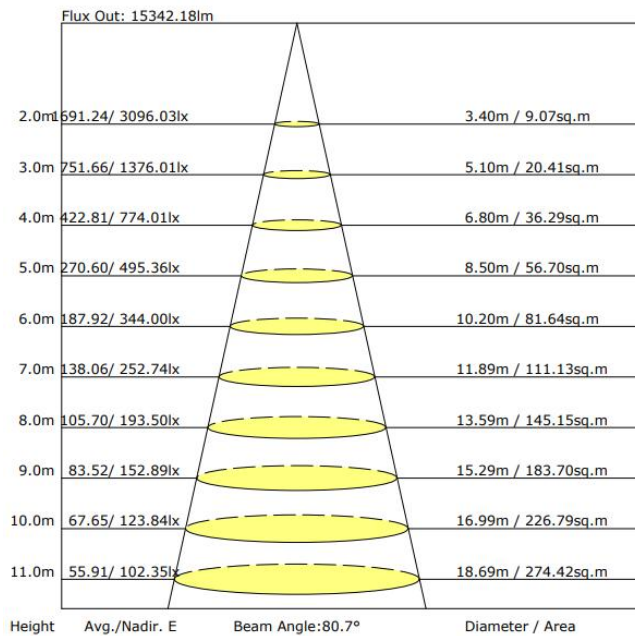
IES Classification: Type I
 Total Rated Lamp Lumens: 22704.5 lm
 Efficiency: 100%
 Upward Ratio: 1%
 Central Intensity: 13042.61 cd
 Pos of Max. Intensity: H315 V5

Longitudinal Classification: Very Short
 Measurement Flux: 22704.5 lm
 Downward Ratio: 99%
 Luminaire Efficacy Rating (LER): 149.13
 Max. Intensity: 13066.01 cd

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.



SELECTABLE TABLE

Wattage	CCT	Lumens	LPW
150	3500	21510.6	168
	4000	22902.2	153
	5000	22823.3	152
120	3500	18304	151
	4000	19567	167
	5000	18759.2	154
100	3500	15700.1	155
	4000	16703.2	170
	5000	16285.8	161