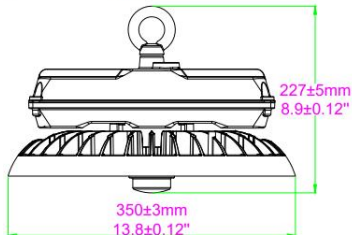**PLT**

UL LISTED

PLT-12721 - 240W, 36,500 Lumens, 5000K

DIMENSIONS

Pendent

207±5mm
8.2±0.12"

350±3mm
13.8±0.12"

227±5mm
8.9±0.12"

350±3mm
13.8±0.12"
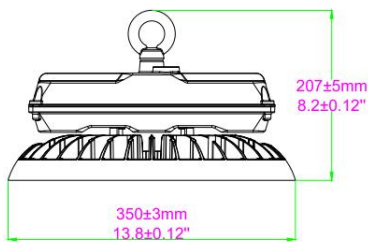
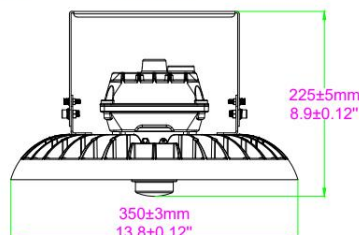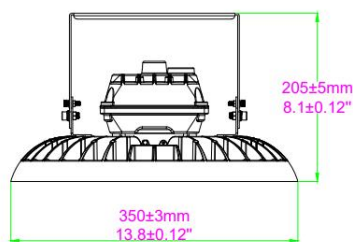### Surface-mounted
w/ PLTS-12378

205±5mm
8.1±0.12"

350±3mm
13.8±0.12"

225±5mm
8.9±0.12"

350±3mm
13.8±0.12"

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;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	240W
	Color Temperature	5000K
	Lumen (Tolerance : -10%)	36500LM
	Efficacy (Tolerance : -3%)	152LM/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-320NH-E260BH
	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	640PCS
	Housing	Die-cast aluminum
	Housing Color	Black (White or Customized*)
	Waterproof Rating	WET（IP65）
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 60℃
		With Motion Sensor: -30℃ TO 60℃
	Storage Temperature	-40℃ TO 80℃
	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	330*330*170MM[13.99*13.99*6.69inch]	1PCS	2.7KG[5.29LBS]	3.2KG[6.39LBS]
Surface-mounted	330*330*170MM[13.99*13.99*6.69inch]	1PCS	3.2KG[6.17LBS]	3.7KG[7.28LBS]

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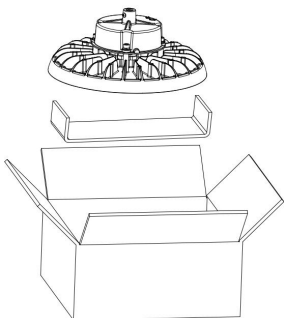
Optional Accessories:

[1]Motion Microwave Sensor - NPS-00041
[2]PIR Motion Sensor - NPS-00042
[3]Surge-protective Device - NPS-00029
[4]Wire Guard - NPS-00170
[5]Reflector Shield - NPS-00170

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

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
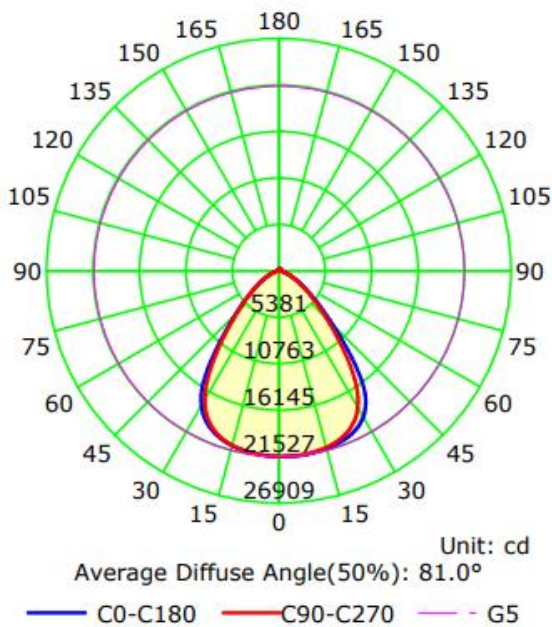Voltage: 121.7 V
Power: 246.00 W

Current: 2.026 A
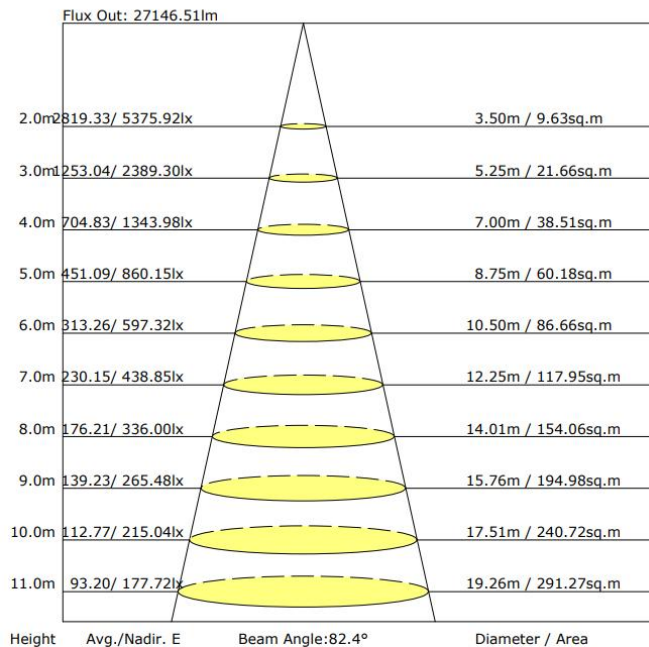Power Factor: 0.998

Photometric Results

CIE Class: Direct
Measurement Flux: 38018.1 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H123.4,H82.4
Vertical Diffuse Angle(10%,50%): V122.3,V79.6
Luminaire Efficacy Rating (LER): 154.60
Max. Intensity: 21527.82 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 38018.1 lm
Efficiency: 100%
Upward Ratio: 1%

Central Intensity: 21503.69 cd
Pos of Max. Intensity: H22.5 V5
S/MH(C90/C270): 1.21

Luminous Intensity Distribution Curve

Average Diffuse Angle(50%): 81.0°

—— C0-C180   —— C90-C270   — · G5

Unit: cd

The Average Illuminance Effective Figure

Flux Out: 27146.51lm

Height	Avg./Nadir. E	Beam Angle:82.4°	Diameter / Area
2.0m	2819.33/ 5375.92lx		3.50m / 9.63sq.m
3.0m	1253.04/ 2389.30lx		5.25m / 21.66sq.m
4.0m	704.83/ 1343.98lx		7.00m / 38.51sq.m
5.0m	451.09/ 860.15lx		8.75m / 60.18sq.m
6.0m	313.26/ 597.32lx		10.50m / 86.66sq.m
7.0m	230.15/ 438.85lx		12.25m / 117.95sq.m
8.0m	176.21/ 336.00lx		14.01m / 154.06sq.m
9.0m	139.23/ 265.48lx		15.76m / 194.98sq.m
10.0m	112.77/ 215.04lx		17.51m / 240.72sq.m
11.0m	93.20/ 177.72lx		19.26m / 291.27sq.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.