PLT-13096 - 140W, up to 19,600 Lumens, 3000K/4000K/5000K, 400W MH Equal, Bronze Finish

- Slipfitter mount
- DLC 5.1 Premium - PLTSNH271155

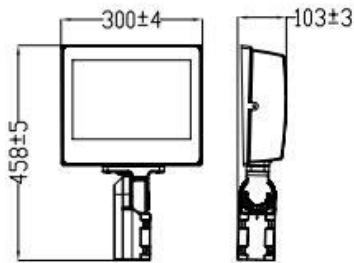**Slipfitter**   **Yoke***   **Trunion****
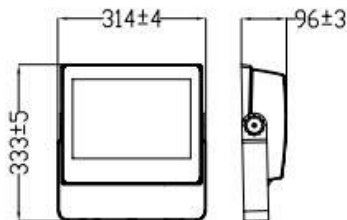
*Available via Special Order. Call 1-800-624-4488.
**Trunion version - PLT-13097
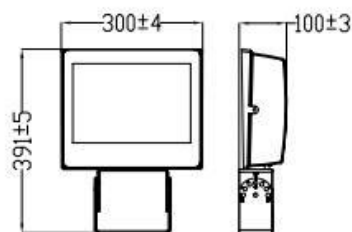
DIMENSIONS

Slipfitter

Yoke*

Trunion**

ADVANTAGE

- UL cUL DLC certificate.
- IP65 driver, input voltage 120-277VAC
- 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

- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza,
- Warehouse,factory and workshops；
- Highway toll station；
- Meeting room, exhibition hall；
- Gymnasium and supermarkets, etc. plaza,

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	140W		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : -10%)	17894 LM	19600 LM	18672 LM
	Efficacy (Tolerance : -3%)	127 LM/W	140 LM/W	133 LM/W
	CRI	>80		
	Color Consistency	＜7 Steps (or ＜7 SDCM)		
	BUG	B4-U0-G1		
	Distribution Pattern	Clear Tempered Glass		
	Beam Angle (10%) (Tolerance : ±15%)	145°		
ELECTRICAL	Input Voltage and Frequency	120-277VAC,50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	＜30%		
	Driver Brand	WeledPower		
	Driver Model	WP-CHA-150U0522900		
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV		
	Dimming	0-10V dimming standard		
	Optional Accessory	Surge protector*, Photocontrol*		
MATERIALS	LED Brand	Bridgelux		
	LED Type	SMD2835		
	LED QTY	768 PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black*, or Customized*		
	EPA	1.35 ft²		
	Waterproof Rating	WET（IP65）		
OTHERS	Operating Temperature	-35℃ TO 45℃		
	Storage Temperature	-40℃ TO 80℃		
	Operating Humidity	20％ - 90％ RH		
	Storage Humidity	10％ - 95％ RH		
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25℃.		

Available via Special Order. Call 1-800-624-4488.

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight /pcs	Gross Weight / Carton
Slipfitter	475*355*120mm	1 PCS	4.68KG	5.68KG
Trunion*	475*355*120mm	1 PCS	4.46KG	5.46KG
Yoke*	475*355*120mm	1 PCS	3.86KG	4.86KG

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

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
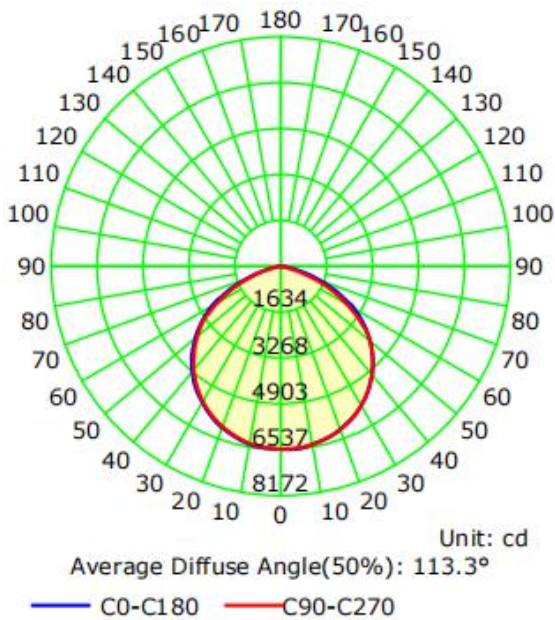Luminous Height (mm):
Current: 1.167 A
Power Factor: 0.998

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
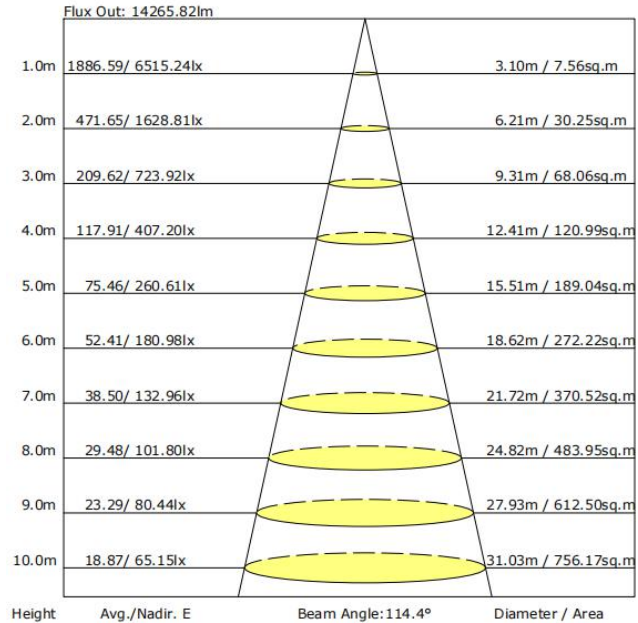Power: 139.91 W

Photometric Results

IES Classification: Type II
Total Rated Lamp Lumens: 17894.4 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 6515.24 cd
Pos of Max. Intensity: H0 V5

Longitudinal Classification: Very Short
Measurement Flux: 17894.4 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 127.95
Max. Intensity: 6537.78 cd

Luminous Intensity Distribution Curve

160 170 180 170 160
150 150
140 140
130 130
120 120
110 110
100 100
90 90
80 1634 80
70 3268 70
60 4903 60
50 6537 50
40 40
30 8172 30
20 10 0 10 20

Unit: cd
Average Diffuse Angle(50%): 113.3°

—— C0-C180   —— C90-C270

The Average Illuminance Effective Figure

Flux Out: 14265.82lm

Height	Avg./Nadir. E	Beam Angle:114.4°	Diameter / Area
1.0m	1886.59/ 6515.24lx		3.10m / 7.56sq.m
2.0m	471.65/ 1628.81lx		6.21m / 30.25sq.m
3.0m	209.62/ 723.92lx		9.31m / 68.06sq.m
4.0m	117.91/ 407.20lx		12.41m / 120.99sq.m
5.0m	75.46/ 260.61lx		15.51m / 189.04sq.m
6.0m	52.41/ 180.98lx		18.62m / 272.22sq.m
7.0m	38.50/ 132.96lx		21.72m / 370.52sq.m
8.0m	29.48/ 101.80lx		24.82m / 483.95sq.m
9.0m	23.29/ 80.44lx		27.93m / 612.50sq.m
10.0m	18.87/ 65.15lx		31.03m / 756.17sq.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.