



PLT-13086 - 25W, up to 3760 Lumens, 3000K/4000K/5000K, 100W MH Equal, Bronze Finish

- Knuckle mount
- DLC 5.1 Premium - PLTSNH221151



**Knuckle
(included)**



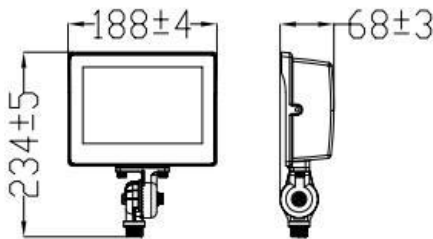
Trunion*



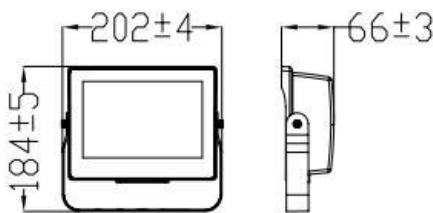
Yoke*

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

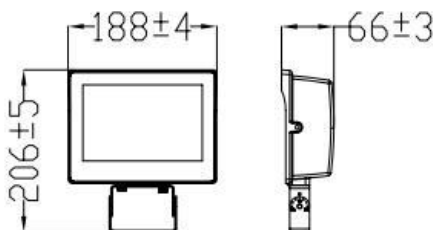
DIMENSIONS



Knuckle



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

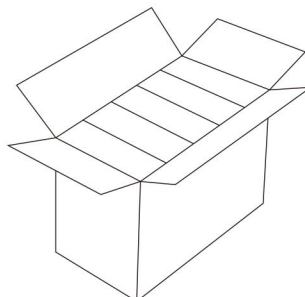
OPTICAL	Input Power (Tolerance : ±10%)	25W		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : -10%)	3485.2 LM	3759.8 LM	3658.2 LM
	Efficacy (Tolerance : -3%)	136.67LM/W	152.96 LM/W	143.74 LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	BUG	B1-U0-G0		
	Distribution 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	<55%		
	Driver Brand	HBE		
	Driver Model	HB-LPG030G-52		
	Driver Surge protection	L/N-PE: 2.5kV, L-N: 2.5kV		
	Dimming	0-10V dimming standard		
	Optional Accessory	Surge protector*, Photocontrol*		
MATERIALS	LED Brand	Bridgelux		
	LED Type	SMD2835		
	LED QTY	168 PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black*, or Customized*		
	EPA	0.43 ft²		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	-35°C TO 45°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.		

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PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / pcs	Gross Weight / Carton
Knuckle	455*260*335mm	5 PCS	1.2KG	6.6KG
Trunion*	455*260*335mm	5 PCS	1.2KG	6.6KG
Yoke*	455*260*335mm	5 PCS	1.3KG	7.2KG

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: 0.214 A
 Power Factor: 0.994

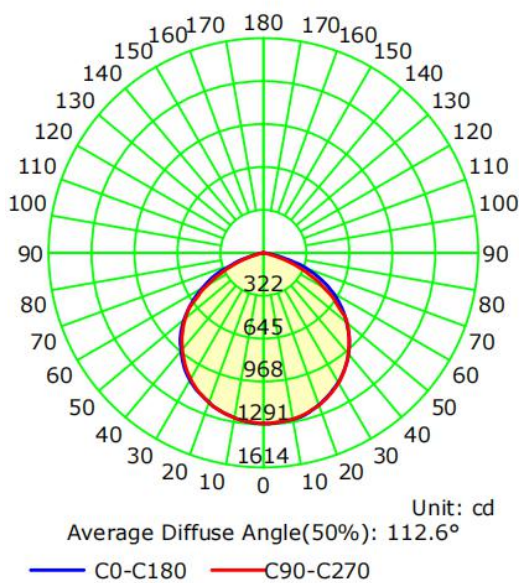
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 25.50 W

Photometric Results

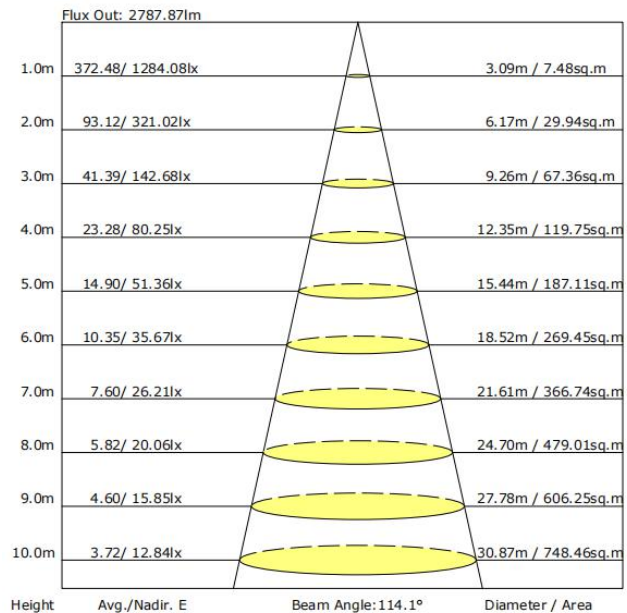
IES Classification: Type II
 Total Rated Lamp Lumens: 3485.2 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 1284.08 cd
 Pos of Max. Intensity: H45 V5

Longitudinal Classification: Very Short
 Measurement Flux: 3485.2 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 136.72
 Max. Intensity: 1291.9 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.