



**PLT-13167** - 105W, 12,627 Lumens, 2200K,  
150W HPS Equal, Bronze Finish

- 140-degree Beam Angle



**Slipfitter**

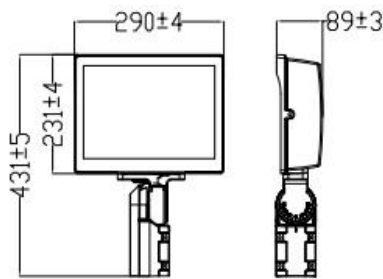


**Yoke\***

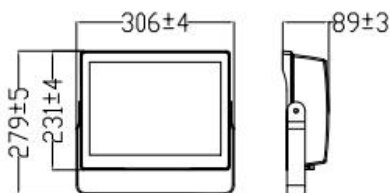


**Trunnion\***

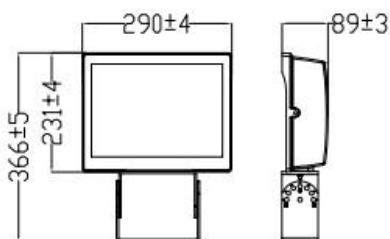
## DIMENSIONS



**Slipfitter**



**Yoke\***



**Trunnion\***

## ADVANTAGE

- UL.
- 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, football field.
- School playgrounds & stadiums
- Plazas,
- Warehouse, factory and workshops;
- Highway toll station;
- Exhibition hall;
- Gymnasium, supermarkets



## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	105W			
	Color Temperature (Color Tunable)	2200K	3000K*	4000K*	5000K*
	Lumen (Tolerance : -10%)	12,627 LM	13650 LM	15225 LM	14700LM
	Efficacy (Tolerance : -3%)	120 LM/W	130 LM/W	145 LM/W	140 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°			
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC,50/60Hz			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	<5%			
	Driver Brand	BECKY			
	Driver Model	BQE96-2000-48-PV			
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV			
	Dimming	0-10V dimming standard			
	Optional Accessory	Surge protector* Photocontrol*			
<b>MATERIALS</b>	LED Brand	Bridgelux			
	LED Type	SMD2835			
	LED QTY	576 PCS			
	Housing	Die-cast aluminum			
	Housing Color	Brown, Black*, or Customized*			
	EPA	1.35 ft²			
	Waterproof Rating	WET (IP65)			
<b>OTHERS</b>	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.			

\*Optional color temperatures, accessories, and finishes available via Special Order.  
Please call 1-800-624-4488.

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / pcs	Gross Weight / Carton
AM	475*355*120mm	1 PCS	4.38KG	5.38KG
Trunnion**	475*355*120mm	1 PCS	4.16KG	5.16KG
Yoke**	475*355*120mm	1 PCS	3.46KG	4.46KG

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

\*\*Optional mounts available via Special Order. Please call 1-800-624-4488.

## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 0.867 A  
 Power Factor: 0.998

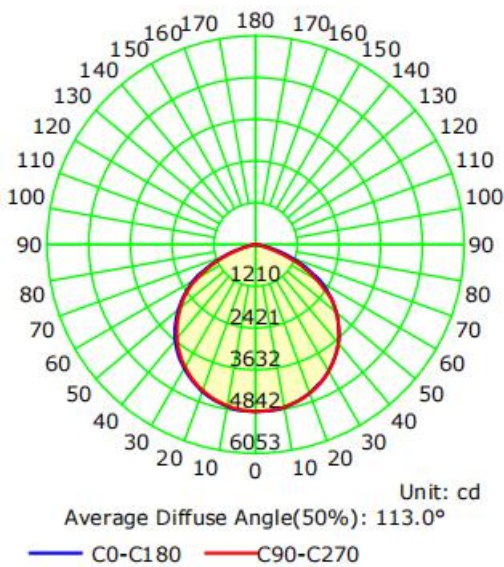
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 103.85 W

### Photometric Results

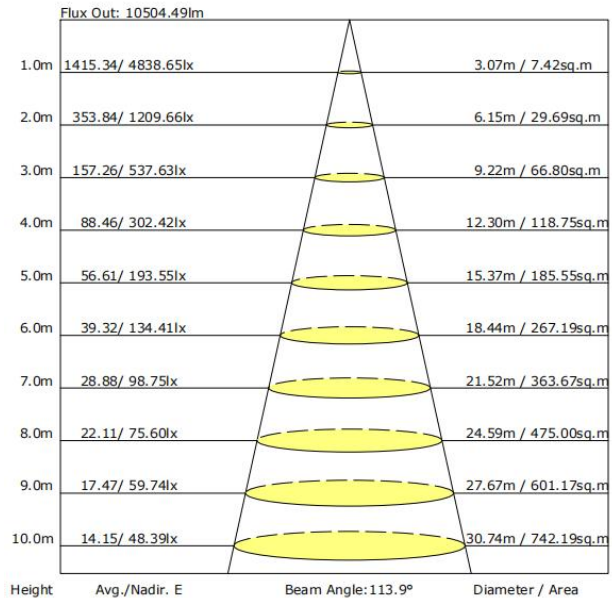
IES Classification: Type II  
 Total Rated Lamp Lumens: 13243.2 lm  
 Efficiency: 100%  
 Upward Ratio: 0%  
 C0r0 Intensity: 4838.65 cd  
 Pos of Max. Intensity: H67.5 V2

Longitudinal Classification: Very Short  
 Measurement Flux: 13243.2 lm  
 Downward Ratio: 100%  
 Luminaire Efficacy Rating (LER): 127.57  
 Max. Intensity: 4842.81 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 luminaires 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.