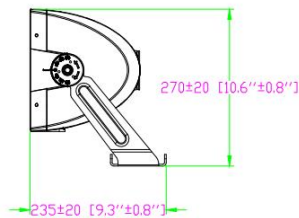
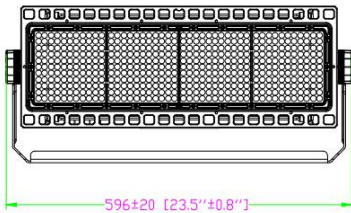




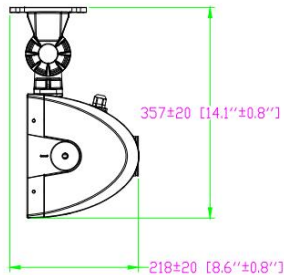
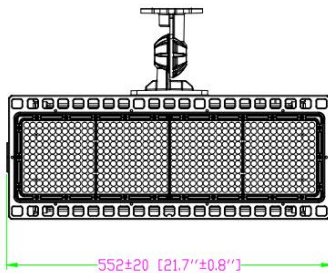
**PLT-12968 - 600W, 5000K, w/ Yoke Mount**



**DIMENSIONS**



PLT-12968



NPS-00095\*

\*Slipfitter Mount Option - Special Order. Call 1-800-624-4488.

**ADVANTAGE**

- UL cUL
- Input voltage 120-277Vac
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current can be adjusted through output cable with 0-10V.

**APPLICATION**

- ◆ Gymnasium;
- ◆ Square plaza;
- ◆ Shipyard, Airport ,wharf;
- ◆ High mast and Contour lighting, etc.

**SPECIFICATIONS**

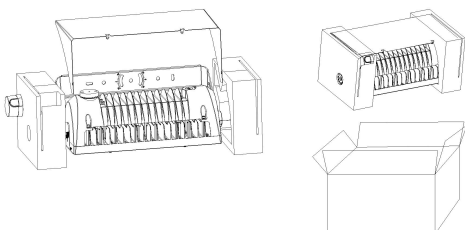
<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	600W			
	Color Temperature	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : ±10%)	84000LM	84000LM	84000LM	84000LM
	Efficacy (Tolerance : ±3%)	140LM/W	140LM/W	140LM/W	140LM/W
	CRI	>70			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B5-U0-G3			
	Distribution Pattern	NEMA:4			
Beam Angle (50%) (Tolerance : ±15%)	30°				
<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	uPowerTek			
	Driver Model	BLD-610-C420-ENU			
	Driver Surge protection	L/N-PE: 10kV, L-N:6kV			
	Dimming	0-10V dimming standard			
	Sensor Type	Integral Sensor Receptacle <sup>1</sup> , Exterior Photocell <sup>2</sup>			
	Optional Accessory	Sensor Receptacle+Photosensor <sup>3</sup> / Sensor Receptacle+Short Cap <sup>4</sup> , Surge-protective Device <sup>5</sup>			
<b>MATERIALS</b>	LED Brand	Bridgelux			
	LED Type	SMD3030			
	LED QTY	480 PCS			
	Housing	Die-cast aluminum			
	Housing Color	Black (Bronze, or Customized*)			
	EPA	1.4 ft <sup>2</sup>			
	Waterproof Rating	WET (IP65)			
<b>OTHERS</b>	Operating Temperature	-40°C TO 45°C			
	Storage Temperature	-40°C TO 80°C			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
	Warranty	5 years			

\*Multiple CCT & finish options available via Special Order. Call 1-800-624-4488.

**PACKAGE**

Bracket type	Carton Size	Qty / Carton	Net Weight/Carton	Gross Weight / Carton
FM	615*345*305MM [24.21*13.58*12 inch]	1 PC	14.7KG [32.34LBS]	15.9KG [34.98LBS]
TM	605*405*270MM [23.81*15.9*10.6 inch]	1 PC	14KG [30.8LBS]	15.2KG [33.44LBS]

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



**Optional Accessories:**

- <sup>1</sup>Integral Sensor Receptacle - NPS00017
- <sup>2</sup>Exterior Photocell - NPS-00026
- <sup>3</sup>Sensor Receptacle+Photosensor - NPS-00027
- <sup>4</sup>Sensor Receptacle+Short Cap - NPS-00028
- <sup>5</sup>Surge-protective Device - NPS-00029

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

## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

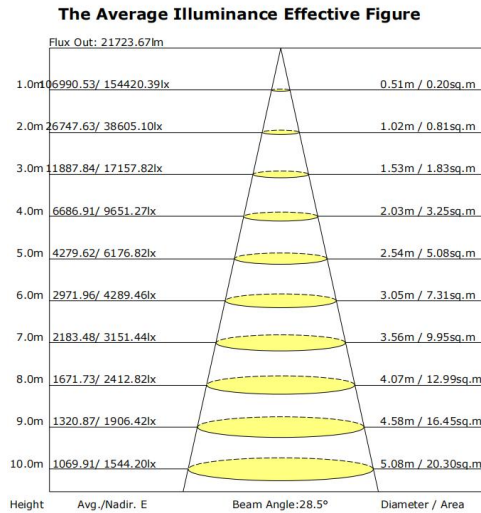
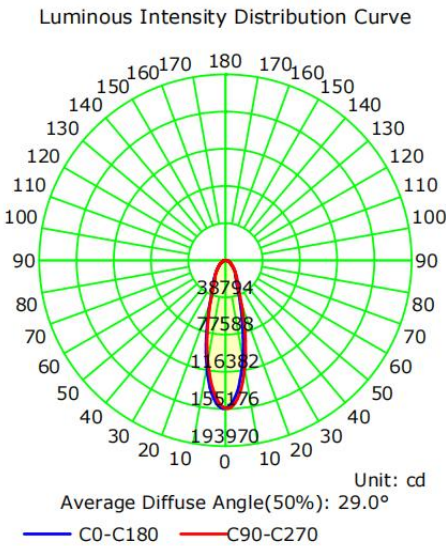
Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 5.064 A  
 Power Factor: 0.993

Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 603.48 W

### Photometric Results

IES Classification: Type I  
 Total Rated Lamp Lumens: 84813.1 lm  
 Efficiency: 100%  
 Upward Ratio: 0%  
 C0r0 Intensity: 154420.39 cd  
 Pos of Max. Intensity: H157.5 V1  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 28.5, 29.5, 29.6, 29.5

Longitudinal Classification: Very Short  
 Measurement Flux: 84813.1 lm  
 Downward Ratio: 100%  
 Luminaire Efficacy Rating (LER): 140.59  
 Max. Intensity: 155176.24 cd



### 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.
Light is not coming on	Check the electrical connection.