

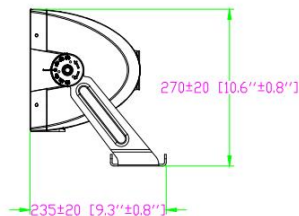
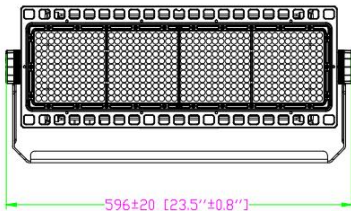


PLT-12968 - 600W, 5000K, w/ Yoke Mount

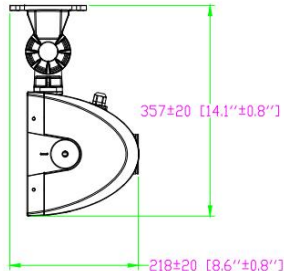
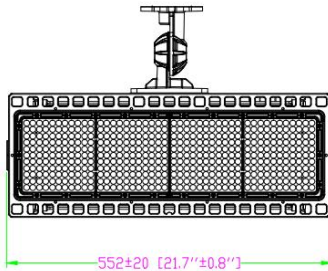
- Comes with optional visor



DIMENSIONS



PLT-12968



NPS-00095*

ADVANTAGE

- UL
- 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.

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

SPECIFICATIONS

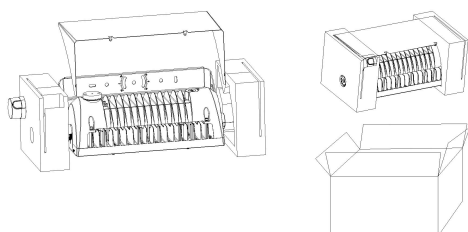
OPTICAL	Input Power (Tolerance : ±10%)	600W			
	Color Temperature	4000K*	4500K*	5000K	5700K*
	Lumen (Tolerance : ±10%)	84000LM	84000LM	84000LM	84000LM
	Efficacy (Tolerance : ±3%)	140LM/W	140LM/W	140LM/W	140LM/W
	CRI	>70			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B5-U0-G3			
	Distribution Pattern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

¹Integral Sensor Receptacle - NPS00017

²Exterior Photocell - NPS-00026

³Sensor Receptacle+Photosensor - NPS-00027

⁴Sensor Receptacle+Short Cap - NPS-00028

⁵Surge-protective Device - NPS-00029

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

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

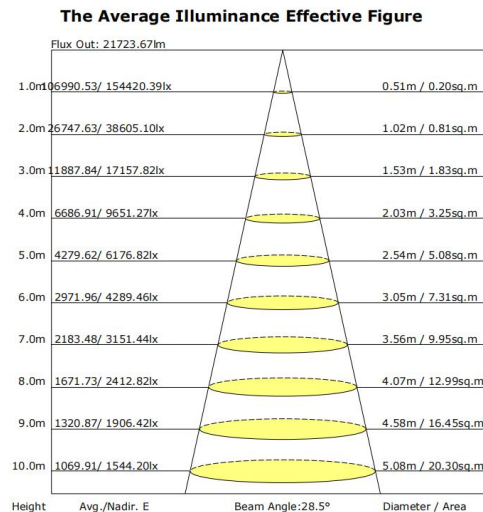
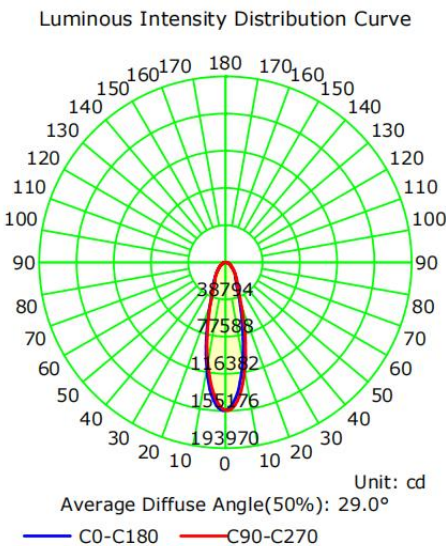
Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 5.064 A
Power Factor: 0.993

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.