

Tanlite Lighting  
[www.tanlite.com](http://www.tanlite.com)  
 (510) 556 0948

## ADVANTAGE

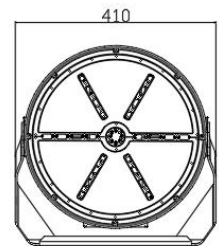
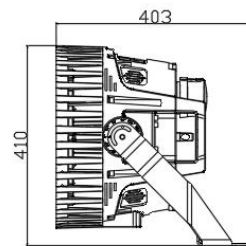
- Sufficient for UL cUL certificate
- Wattage adjustable
- Input voltage 120-277Vac
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current lever can be adjusted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

## APPLICATION

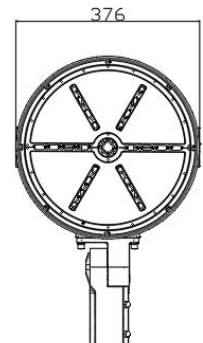
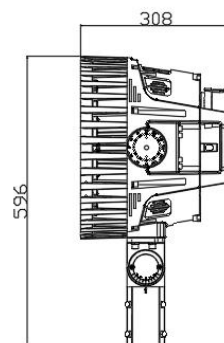
- ◆ Gymnasium;
- ◆ Square plaza;
- ◆ Shipyard, Airport ,wharf;
- ◆ High mast and Contour lighting, etc.

## DIMENSIONS

FM



AM



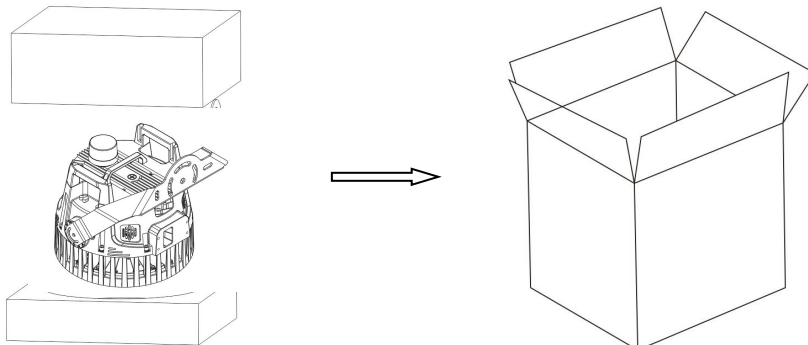
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	500W (Wattage adjustable:300W-400W-500W)			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance : $\pm 10\%$ )	75000 LM	75000 LM	75000 LM	75000 LM
	Efficacy (Tolerance : $\pm 3\%$ )	150 LM/W	150 LM/W	150 LM/W	150 LM/W
	CRI	>70			
	Color Consistency	<6 Steps (or <6 SDCM)			
	BUG	B5-U0-G2			
	Distribution Pattern	NEMA:4 (Optional:NEMA:5/NEMA:5/NEMA:6/NEMA:7)			
	Beam Angle (50%) (Tolerance : $\pm 15\%$ )	30° (Optional:40° /60° /80° /120°)			
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz			
	PF (Tolerance : -3%)	$\geq 0.9$			
	THD (Tolerance : +5%)	$\leq 20\%$			
	Flicker Percent	<5%			
	Driver Brand	UPower Pek			
	Driver Model	BLD-500-C230-ENU-A00000			
	Driver Surge protection	L/N-PE: 10kV, L-N:6kV			
	Dimming	0-10V dimming standard			
	Sensor Type	Integral Sensor Receptacle, Exterior Photocell			
Optional Accessory	Sensor Receptacle+Photosensor /Sensor Receptacle+Short Cap, Surge-protective Device				
<b>MATERIALS</b>	LED Brand	Bridgelux			
	LED Type	SMD3030			
	LED QTY	504 PCS			
	Housing	Die-cast aluminum			
	Housing Color	Black, White, Bronze or Customized			
	EPA	1.6 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			

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
FM	470*460*460 MM	1 PC	14.8 KG	16.7 KG
AM	470*460*460 MM	1 PC	15.3 KG	17.3 KG

Tolerance of Carton Size:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

Luminaire Manufacturer:

Voltage: 121.2 V

Power: 487.70 W

Current: 4.033 A

Power Factor: 0.997

### Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 74024.5 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 165327.78 cd

Pos of Max. Intensity: H315 V1

Longitudinal Classification: Very Short

Measurement Flux: 74024.5 lm

Downward Ratio: 99%

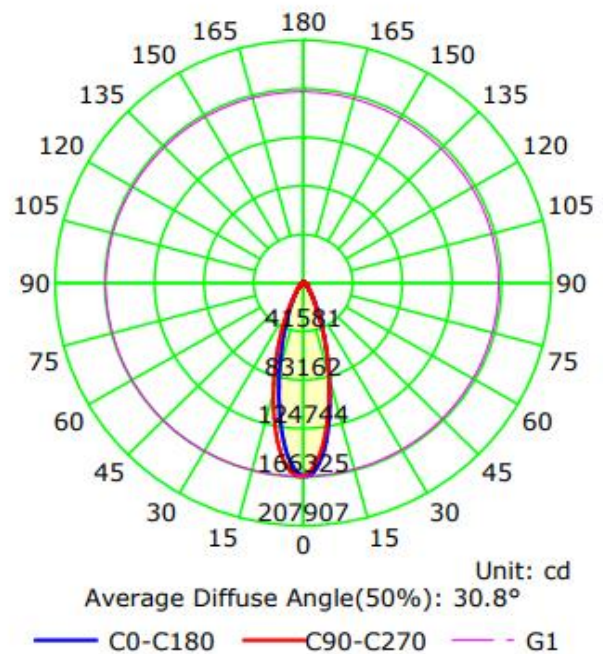
Luminaire Efficacy Rating (LER): 151.83

Max. Intensity: 166325.99 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



### NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

### TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.