



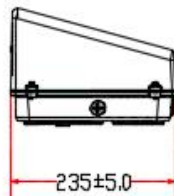
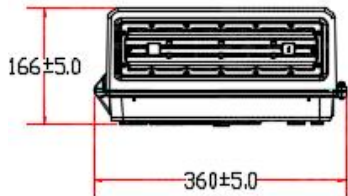
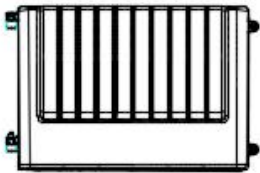
Tanlite Lighting  
 E-mail: [sales@tanlite.com](mailto:sales@tanlite.com)  
 Call: (510) 556 0948  
[www.asmart-light.com](http://www.asmart-light.com)



## ADVANTAGE

- UL cUL DLC 5.1 premium certificate.
- Lumileds 2835, high CRI.
- IP65 Internal driver.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

## DIMENSIONS



## APPLICATION

- Entrance lighting, courtyard lighting;
- Industrial lighting, Outdoor landscape lighting;
- Building, The hotel;
- Wall lighting area and so on.

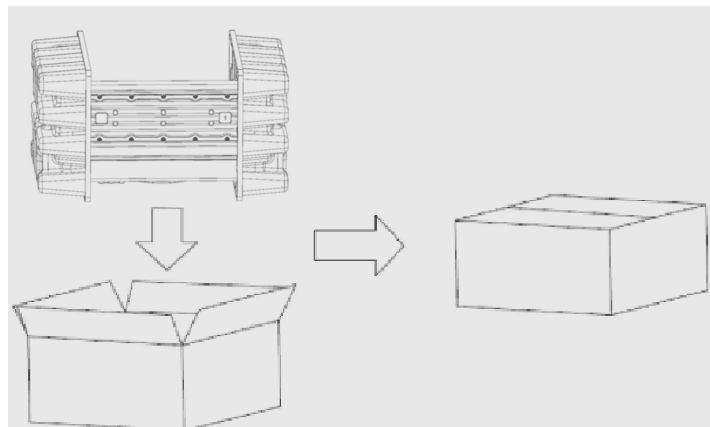
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	80W						
	Color Temperature	3000k	3500K	4000K	4500K	5000K	5700K	6500K
	Lumen (Tolerance : -10%): LM	10480	10480	10640	10720	10800	10880	11040
	Efficacy (Tolerance : -3%): LM/W	131	131	133	134	135	136	138
	CRI	>80						
	Color Consistency	<6Steps (or <6SDCM)						
	BUG	B3-U3-G1						
	Distribution Pattern	Type III						
	Beam Angle (50%) (Tolerance : ±15%)	100 Degree						
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz						
	PF (Tolerance : -3%)	≥0.9						
	THD (Tolerance : +5%)	≤20%						
	Flicker Percent	<60%						
	Driver Brand	Daermay						
	Driver Model	MP-080TG130A						
	Driver Surge protection	L-N:6KV,L-PE:6KV, N-PE:6KV						
	Dimming	0-10V dimming standard						
	Optional Accessory	Surge protector / Motion Microwave sensor / Motion PIR sensor/ Photocell						
<b>MATERIALS</b>	LED Brand	Lumileds						
	LED Type	2835						
	LED QTY	168PCS						
	Housing	Die-cast aluminum						
	Housing Color	Bronze, Black, or Customized						
	Waterproof Rating	WET (IP65)						
<b>OTHERS</b>	Operating Temperature	-40°C TO 50°C;						
	Storage Temperature	10%-90% RH						
	Operating Humidity	-40°C TO 80°C						
	Storage Humidity	10%-95% RH						
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.						

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	400*300*230 MM	1 PC	3.4 KG	4.3KG

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: 0.690 A  
 Power Factor: 0.995

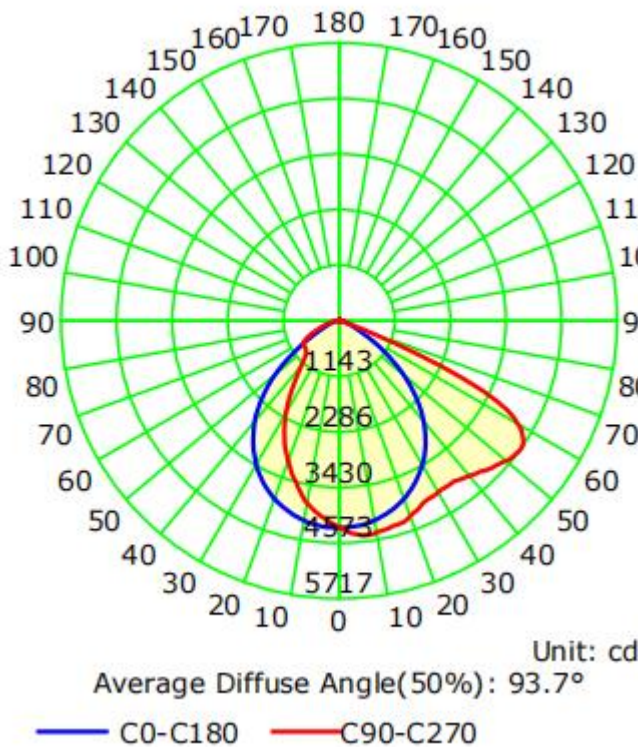
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 82.50 W

**Photometric Results**

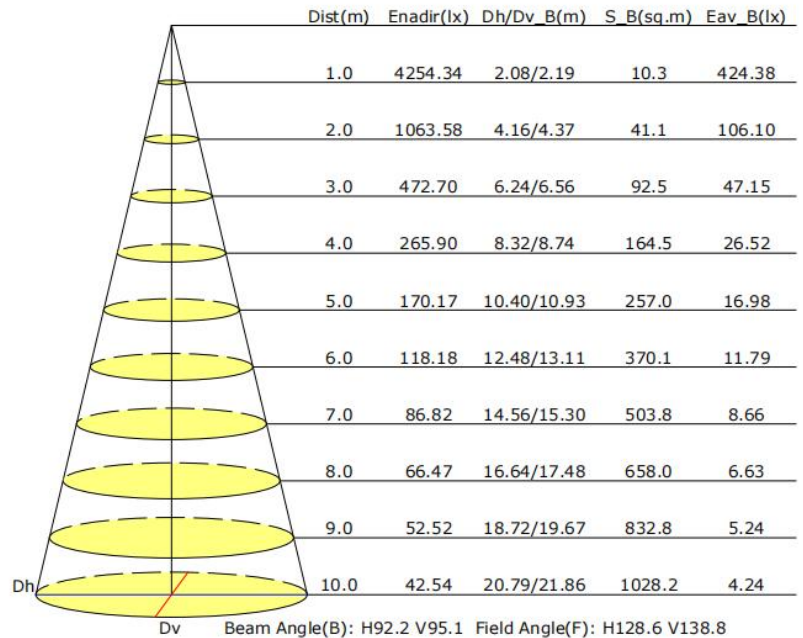
IES Classification: Type III  
 Total Rated Lamp Lumens: 10879.7 lm  
 Efficiency: 100%  
 Upward Ratio: 1%  
 C0r0 Intensity: 4254.34 cd  
 Pos of Max. Intensity: H90 V55

Longitudinal Classification: Very Short  
 Measurement Flux: 10879.7 lm  
 Downward Ratio: 99%  
 Luminaire Efficacy Rating (LER): 131.93  
 Max. Intensity: 4573.94 cd

Luminous Intensity Distribution Curve



Illuminance at a Distance



## 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

<b>Troubles</b>	<b>Check points</b>
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.