



Tanlite Lighting
 E-mail: sales@tanlite.com
 Call: (510) 556 0948
www.tanlite.com



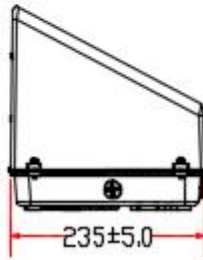
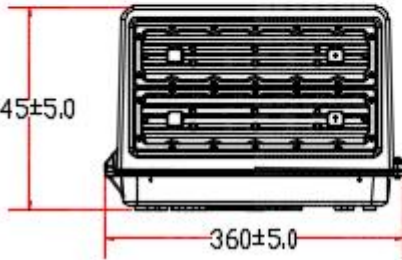
ADVANTAGE

- 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.
-

APPLICATION

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

DIMENSIONS



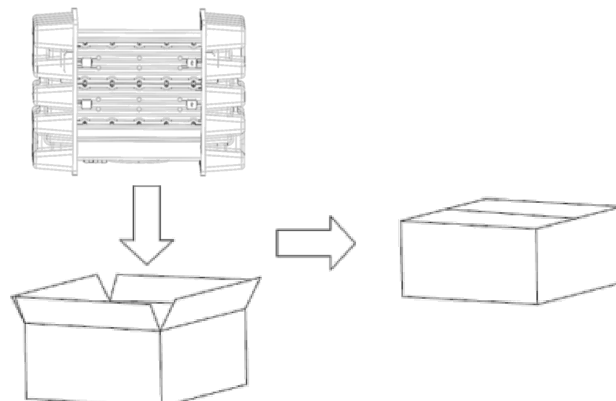
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	100W
	Color Temperature	3000k 3500K 4000K 4500K 5000K 5700K 6500K
	Lumen (Tolerance : -10%): LM	13300 13300 13500 13600 13700 13800 14000
	Efficacy (Tolerance : -3%): LM/W	133 133 135 136 137 138 140
	CRI	>80
	Color Consistency	<6Steps (or <6SDCM)
	BUG	B3-U2-G2
	Distribution Pattern	Type III
	Beam Angle (50%) (Tolerance : ±15%)	100 Degree
ELECTRICAL	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-100TG130A
	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
MATERIALS	LED Brand	Lumileds
	LED Type	2835
	LED QTY	240 PCS
	Housing	Die-cast aluminum
	Housing Color	Bronze, Black, or Customized
	Waterproof Rating	WET (IP65)
OTHERS	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	400x300x305 MM	1 PC	4.8 KG	5.7KG

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: 0.859 A
 Power Factor: 0.995

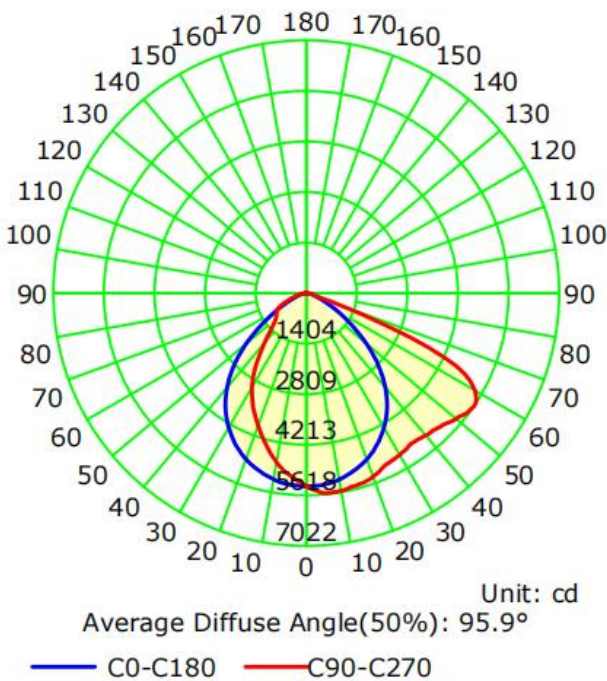
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 102.68 W

Photometric Results

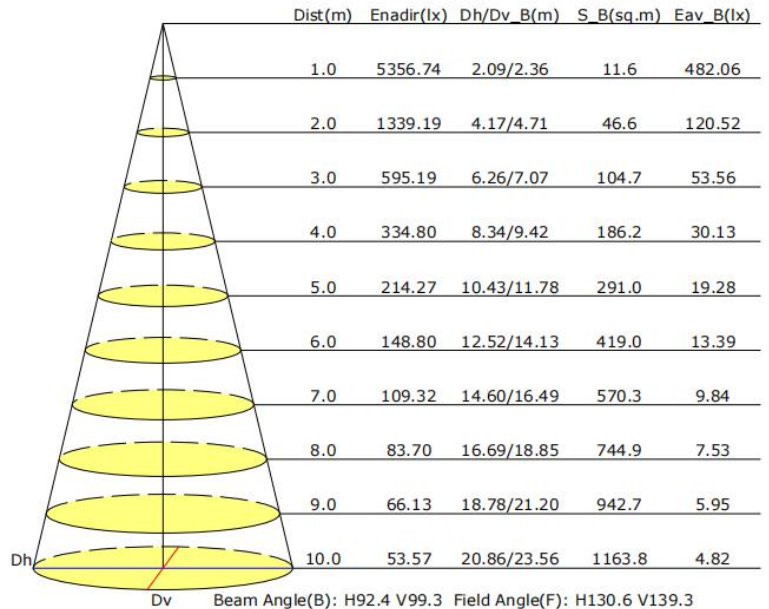
IES Classification: Type III
 Total Rated Lamp Lumens: 13707.2 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 5356.74 cd
 Pos of Max. Intensity: H90 V56

Longitudinal Classification: Very Short
 Measurement Flux: 13707.2 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 133.54
 Max. Intensity: 5618.03 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

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.