



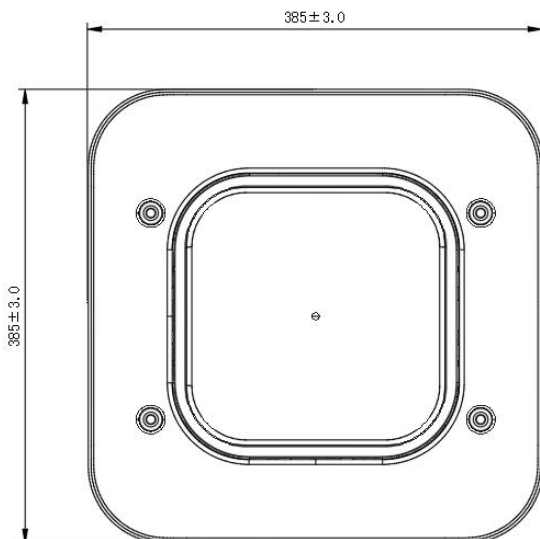
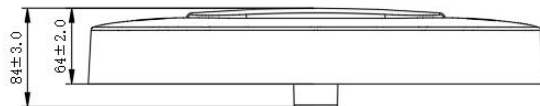
Tanlite Lighting  
 sales@tanlite.com  
 (510) 556 0948



## ADVANTAGE

- UL DLC-V5.1(Premium) certificate.
- LUMILEDS Chip, high CRI.
- 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

- Widely used in gas station, service station, underground parking lot, warehouse, garage;
- Work floor, factory and so on.

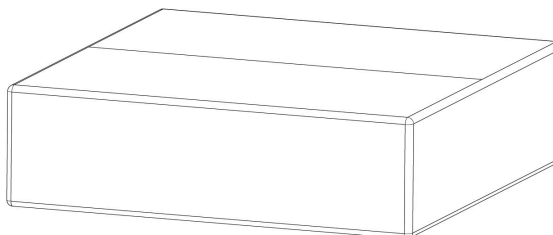
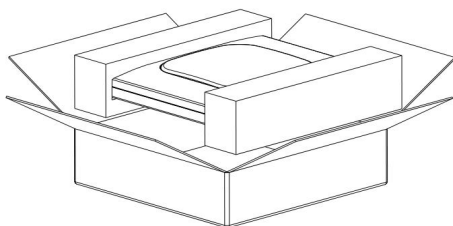
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	150W		
	Color Temperature	4000K	5000K	5700K
	Lumen (Tolerance : -10%)	20300 LM	20300 LM	20300 LM
	Efficacy (Tolerance : -3%)	135 LM/W	135 LM/W	135 LM/W
	CRI	>80		
	Color Consistency	<6 Steps (or <6 SDCM)		
	Diffuser Type	PC Lens		
	Beam Angle (50%) (Tolerance : ±15%)	120 Degree		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	≤30%		
	Driver Brand	TOSMART		
	Driver Model	AST-CNB-150U-130V		
	Driver Surge protection	L-N 4KV,L/N-PE 4KV		
	Dimming	0-10V dimming standard		
	Sensor Type	No Sensor		
	Optional Accessory	No		
<b>MATERIALS</b>	LED Brand	LUMILEDS		
	LED Type	SMD2835		
	LED QTY	420 PCS		
	Housing	Die-cast aluminum		
	Housing Color	White, or Customized		
	Waterproof Rating	WET (IP65)		
<b>OTHERS</b>	Operating Temperature	-30°C TO +50°C		
	Storage Temperature	20%-90% RH		
	Operating Humidity	-40°C TO +80°C		
	Storage Humidity	10%-95% RH		
	Warranty	5 years		

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	425*420*120MM	1 PC	4.24KG	4.94KG

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

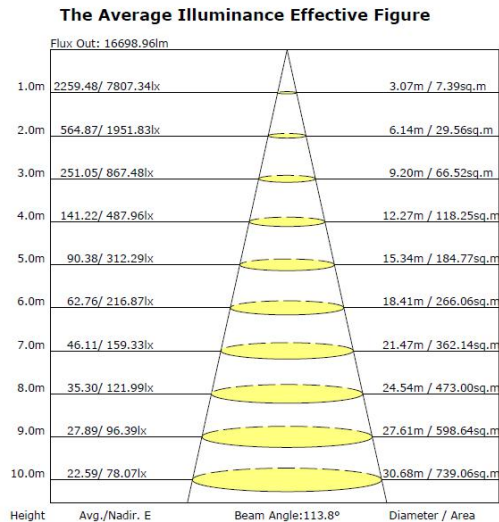
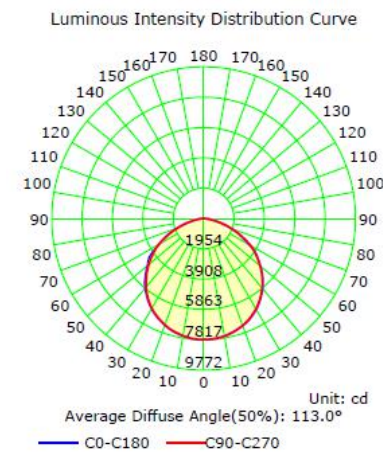
Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm): 240  
 Luminous Height (mm):  
 Current: 1.269 A  
 Power Factor: 0.994

Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm): 240  
 Voltage: 120.0 V  
 Power: 151.39 W

### Photometric Results

CIE Class: Direct  
 Measurement Flux: 21830.7 lm  
 Downward Ratio: 100%  
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.5, 155.9, 155.5, 155.7  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.8, 112.2, 111.1, 111.4  
 Luminaire Efficacy Rating (LER): 144.25  
 Max. Intensity: 7817.76 cd  
 S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 21830.7 lm  
 Efficiency: 100%  
 Upward Ratio: 0%  
 C0r0 Intensity: 7807.34 cd  
 Pos of Max. Intensity: H22.5 V1  
 S/MH(C90/C270): 1.27



### NOTICE FOR USER

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

### 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.