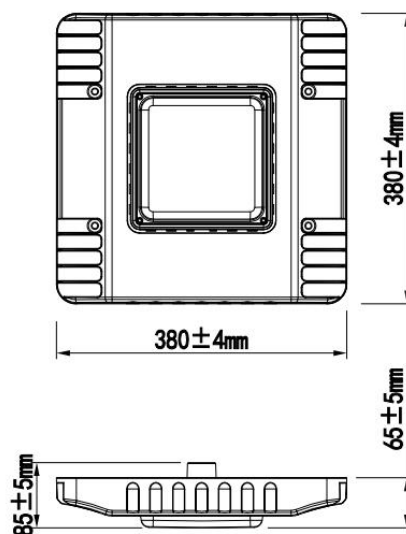




Tanlite Lighting LLC  
[www.tanlite.com](http://www.tanlite.com)  
 510 556 0948



## DIMENSIONS



## ADVANTAGE

- UL DLC-V5.1(Premium) certificate.
- IP65 driver, input voltage 120-277VAC.
- 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

- Widely used in gas station, service station, underground parking lot, warehouse, garage;

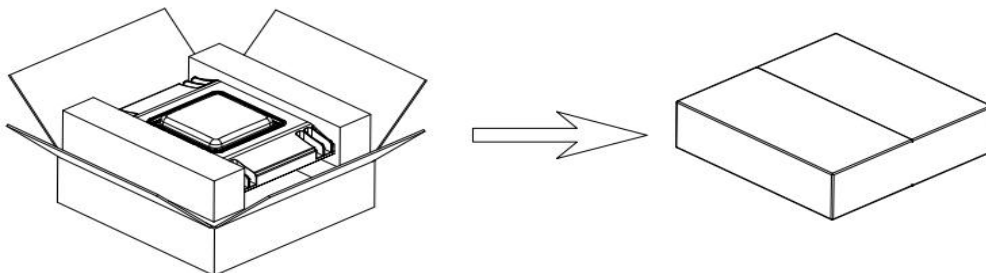
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	150W		
	Color Temperature	4000K	5000K	5700K
	Lumen (Tolerance : $-10\%$ )	20065LM	20213LM	20360LM
	Efficacy (Tolerance : $-3\%$ )	134LM/W	135LM/W	135LM/W
	CRI	>80		
	Color Consistency	<6 Steps (or <6 SDCM)		
	BUG	B4-U3-G3		
	Diffuser Type	Clear Stripe PC		
	Beam Angle (50%) (Tolerance : $\pm 15\%$ )	120 Degree		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz;		
	PF (Tolerance : $-3\%$ )	$\geq 0.9$		
	THD (Tolerance : $+5\%$ )	$\leq 20\%$		
	Flicker Percent	<70%		
	Driver Brand	WeledPower		
	Driver Model	WP-CNB-150U-1A5SCPO7-Z		
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV		
	Dimming	0-10V dimming standard		
<b>MATERIALS</b>	LED Brand	Lumileds		
	LED Type	SMD2835 (0.5W)		
	LED QTY	468 PCS		
	Housing	Die-cast aluminum		
	Housing Color	White, or Customized		
	Waterproof Rating	WET (IP65)		
<b>OTHERS</b>	Operating Temperature	$-40^{\circ}\text{C}$ TO $+45^{\circ}\text{C}$		
	Storage Temperature	$-40^{\circ}\text{C}$ TO $80^{\circ}\text{C}$		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10%-95% RH		
	Warranty	5 years warranty		

## PACKAGE

	Size	Qty/ Carton	Lamps Net Weight	Weight/ Carton
Outer box	425 x 420 x 120mm	1 PC	4.7KG	5.5KG

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



## LIGHT DISTRIBUTION TESTING PARAMETERS

## Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 1.248 A  
 Power Factor: 0.993

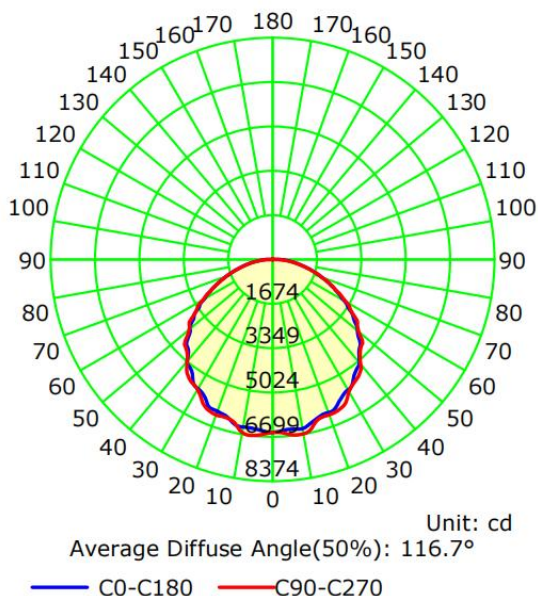
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 148.68 W

## Photometric Results

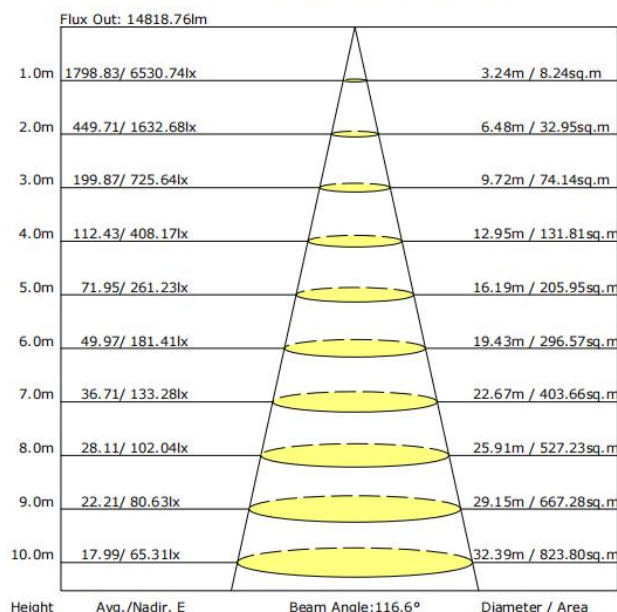
CIE Class: Direct  
 Measurement Flux: 20065.9 lm  
 Downward Ratio: 99%  
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 167.4, 166.2, 168.3, 168.5  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 116.6, 116.9, 115.0, 115.1  
 Luminaire Efficacy Rating (LER): 135.01  
 Max. Intensity: 6699.92 cd  
 S/MH(C0/C180): 1.30

Total Rated Lamp Lumens: 20065.9 lm  
 Efficiency: 100%  
 Upward Ratio: 1%  
 COr0 Intensity: 6530.74 cd  
 Pos of Max. Intensity: H270 V8  
 S/MH(C90/C270): 1.31

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### 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.