



GREENTEK ENERGY SYSTEMS, LLC
www.GreentekEnergySystems.com



P/N: GT-TCP-180WSSAAA1-WHb

Note:

GT= Company name

TCP = Product series, LED Canopy Light

180W = Rating Power

SS=Driver manufacturer, SOSEN

First A=LED manufacturer, Hongli 2835

Second A= Cover type . Frosted lens.

A1 = Version number

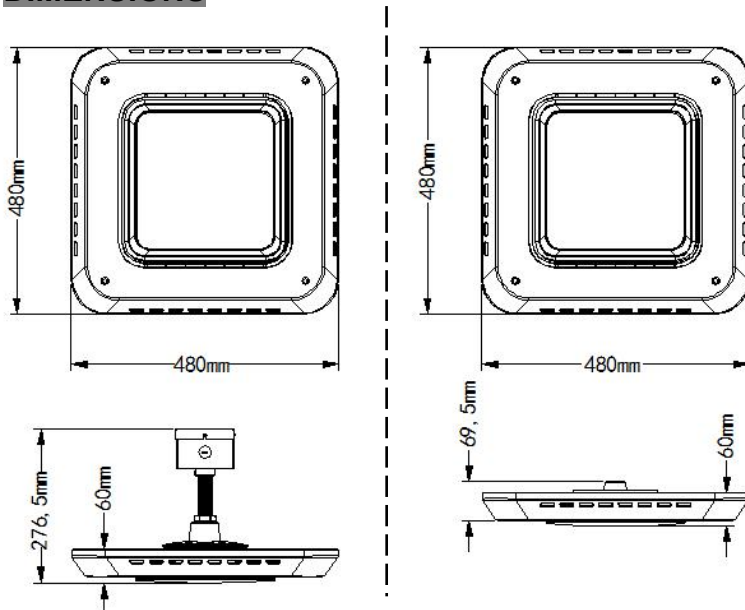
a = Housing colors, WH=White

b=CCT , 40=4000K 45=4500K 50=5000K

57=5700K



DIMENSIONS



ADVANTAGE

- UL cUL certificate.
- IP65 driver, input voltage 100-277VAC.
- Surge protecting: L/N-PE:12kV L/N:6KV
- 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.

APPLICATION

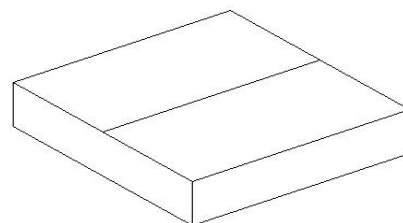
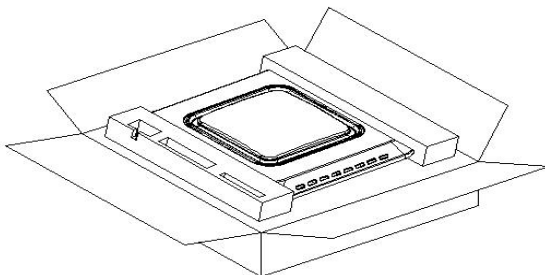
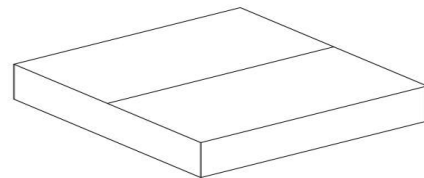
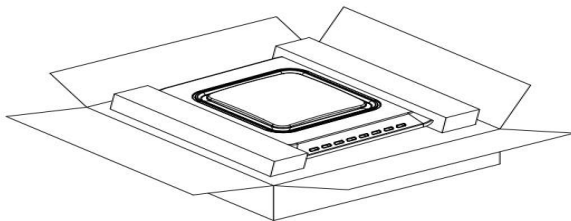
- Widely used in gas station, service station, underground parking lot, warehouse, garage;
- Work floor, factory and so on.

SPECIFICATIONS

OPTICAL	Input Power	180W
	Lumen	22400 - 23300LM
	Lumen Efficacy	124-129 LM/W
	Color Temperature	4000K 4500K 5000K 5700K
	CRI	>80
	Viewing Angle	110 Degree
ELECTRICAL	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	China Brand Driver
MATERIALS	LED Brand	HongLi
	LED Type	SMD2835 (0.5W)
	LED QTY	525 PCS
	Housing	Aluminum Alloy
	Housing Color	White
	Cover	Frosted lens
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-40°C TO +45°C
	Operating Humidity	10%-90% RH
	Storage Temperature	-40°C TO +80°C
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box 1	550*530*150 MM	1 PC	5.8 KG	7.2KG
Outer box 2	605*550*175 MM	1 PC	6.7 KG	8.0 KG



LIGHT DISTRIBUTION TESTING PARAMETERS

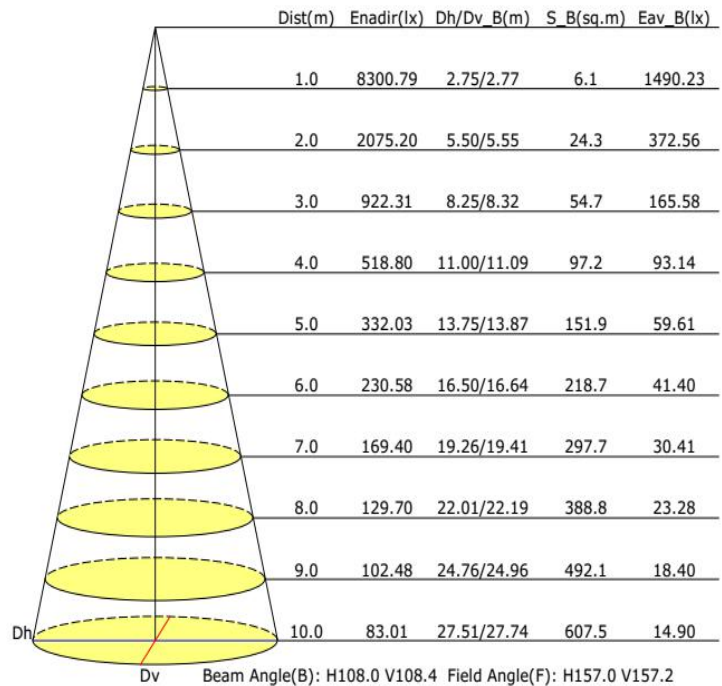
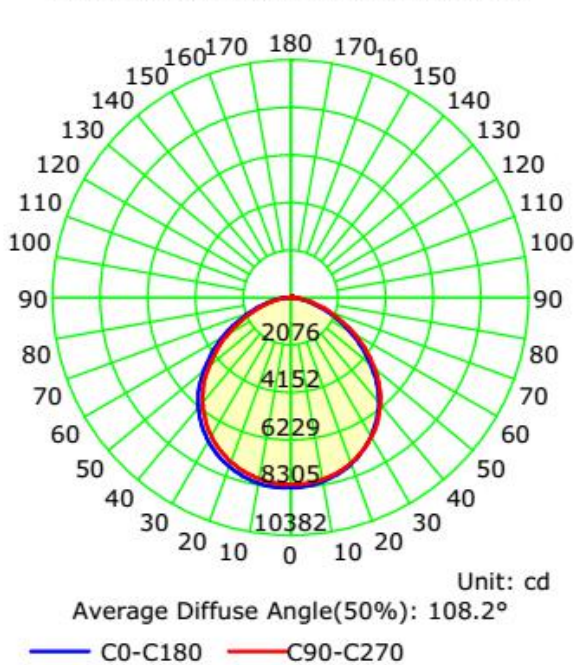
Photometric Results

CIE Class: Direct
 Measurement Flux: 22505.4 lm
 Downward Ratio: 99%
 Horizontal Diffuse Angle(50%): H108
 Vertical Diffuse Angle(50%): V108.4
 Luminaire Efficacy Rating (LER): 126.91
 Max. Intensity: 8306 cd
 S/MH(C0/C180): 1.27

Total Rated Lamp Lumens: 22505.4 lm
 Efficiency: 100%
 Upward Ratio: 1%

Central Intensity: 8300.79 cd
 Pos of Max. Intensity: H180 V2
 S/MH(C90/C270): 1.27

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.