



**GREENTEK ENERGY SYSTEMS, LLC**  
www.greentekes.com



**P/N: GT-CPL-150WAS-ab**

Note:

GT=Company name;

CPL = Product series;

150W= Rating Power;

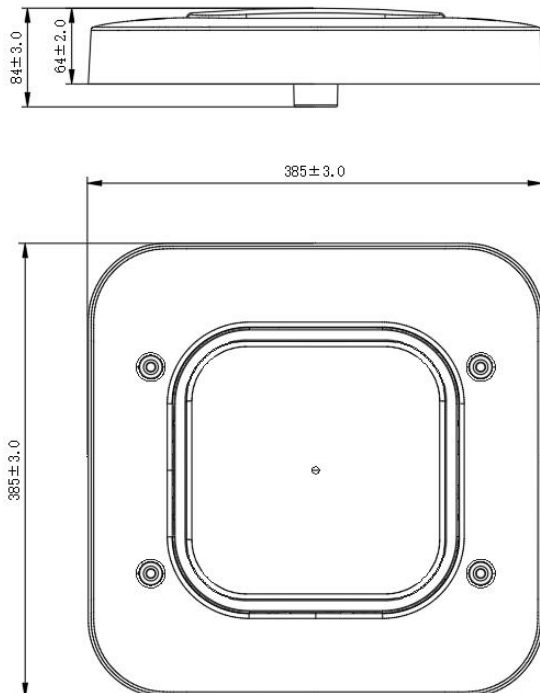
A=manufacturer of LED;

S= diffuser cover type;

a= lamp colors;

b=CCT, can be 40K=4000K,50K=5000K,57K=5700K

## DIMENSIONS



## 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.

## APPLICATION

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

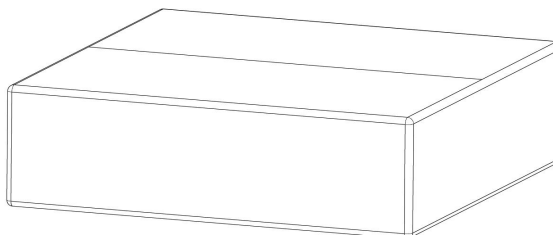
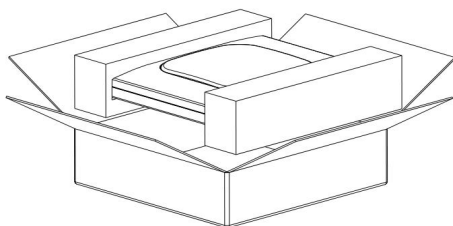
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	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 : $\pm 15\%$ )	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	$\leq 30\%$		
	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	$-30^{\circ}\text{C}$ TO $+50^{\circ}\text{C}$		
	Storage Temperature	$20\%$ - $90\%$ RH		
	Operating Humidity	$-40^{\circ}\text{C}$ TO $+80^{\circ}\text{C}$		
	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:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

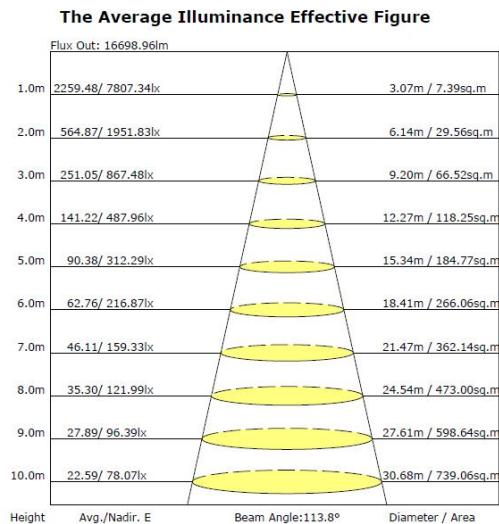
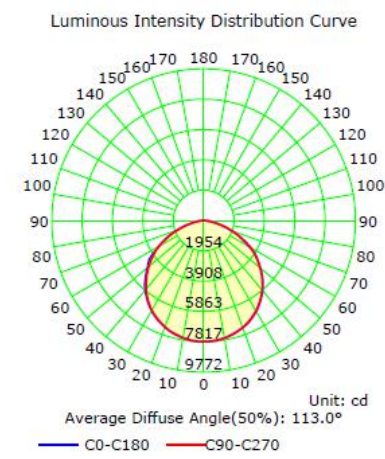
Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm): 240  
 Luminous Height (mm):  
 Current: 1.269 A  
 Power Factor: 0.994

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.