

GREENTEK ENERGY SYSTEMS, LLC

www.GreentekEnergySystems.com

P/N:GT-SWP2-GC-80W-LBcbP-aeK-S

Note:

“c” can be “S” or blank for Surge-Protective Device provided or Blank for None.

“ b ” can be any letters to represent motion sensor styles or Blank for None.

“a” can be any two letters to represent lamp colors;

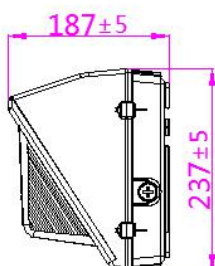
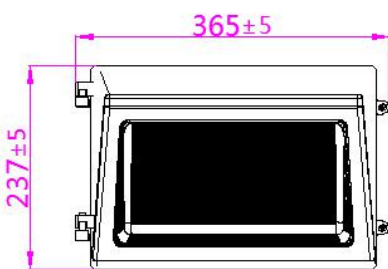
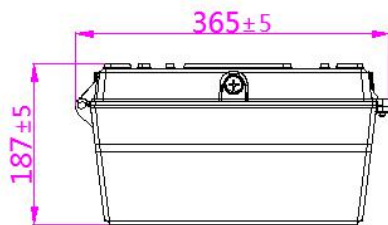
“eK” can be any two digits to represent CCT,

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

57K=5700K, 65K=6500K;



DIMENSIONS



ADVANTAGE

- UL, cUL,DLC5.1 premium certificate.
- Lumileds 2835, 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

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

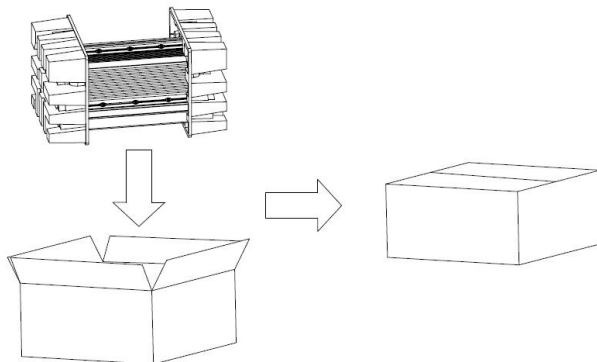
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	80W				
	Color Temperature	4000K	4500K	5000K	5700K	6500K
	Lumen (Tolerance : -10%)	11700LM	11800LM	11500LM	11900LM	11900LM
	Efficacy (Tolerance : -3%)	147 LM/W	148 LM/W	144 LM/W	149 LM/W	149 LM/W
	CRI	>80				
	Color Consistency	<6 Steps (or <6 SDCM)				
	BUG	B1-U4-G5				
	Diffuser Type	Stripe glass				
	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	<50%				
	Driver Brand	Shenzhen Daermay Electronics Technology Co.,Ltd				
	Driver Model	MP-80TG130A				
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	Surge-protective Device, Photocontroller, Motion Sensor, PIR Sensor				
MATERIALS	LED Brand	LUMILEDS				
	LED Type	SMD 2835				
	LED QTY	294 PCS				
	Housing	Die-cast aluminum				
	Housing Color	Brown, Black, or Customized				
	Waterproof Rating	WET (IP65)				
OTHERS	Operating Temperature	-40°C TO 50°C, Sensor : -25°C TO 50°C,				
	Storage Temperature	-40°C TO 80°C				
	Operating Humidity	20% - 90% RH				
	Storage Humidity	10% - 95% RH				
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.				

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	397*297*250MM	1 PC	3.5KG	4.5KG

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



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

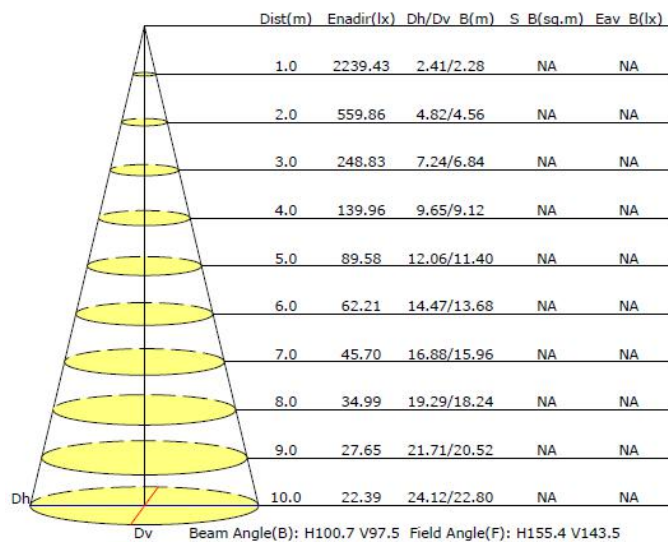
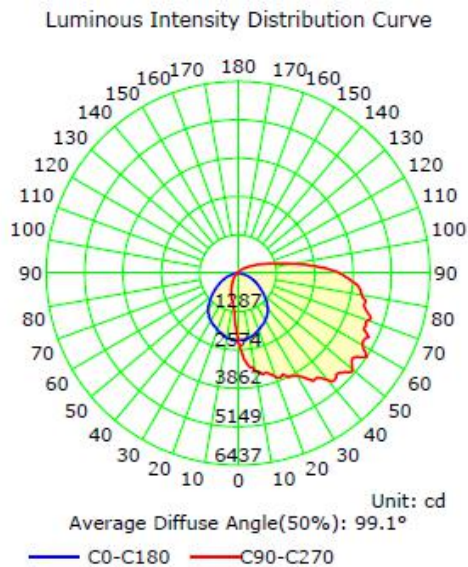
Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 0.688 A
 Power Factor: 0.994

Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 82.02 W

Photometric Results

IES Classification: Type IV
 Total Rated Lamp Lumens: 12161.1 lm
 Efficiency: 100%
 Upward Ratio: 13%
 C0r0 Intensity: 2239.43 cd
 Pos of Max. Intensity: H90 V57

Longitudinal Classification: Very Short
 Measurement Flux: 12161.1 lm
 Downward Ratio: 87%
 Luminaire Efficacy Rating (LER): 148.32
 Max. Intensity: 5149.72 cd



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.