



GREENTEK ENERGY SYSTEMS, LLC
www.GreentekEnergySystems.com

P/N: GT-PG02-25WASA2-dK-abc

Note:

“a” can be any two letters to represent lamp colors:
WH=White, BR=Brown, or Customized;

“b” can be S or blank;

represent Surge protector or None Surge protector;

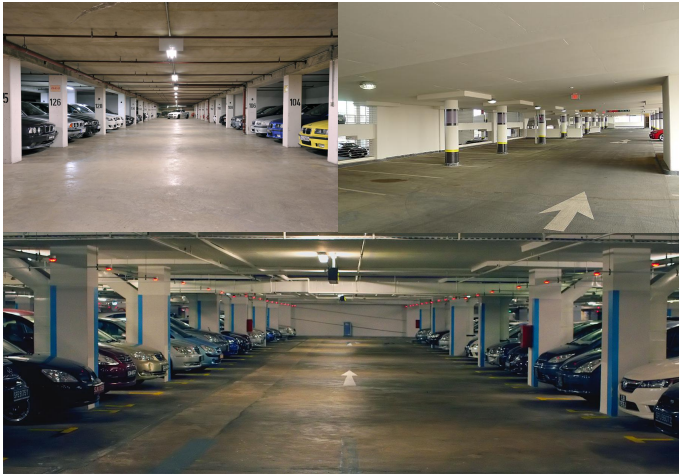
“c” can be M or blank;

represent Motion-sensor or None motion-sensor;

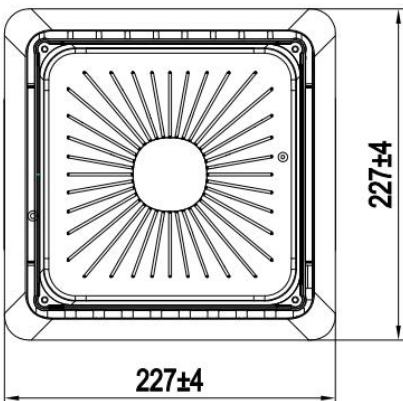
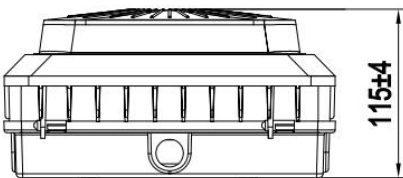
“dK” can be any two digits to represent CCT, can be

30K=3000K, 35K=3500K, 40K=4000K,

45K=4500K, 50K=5000K, 57K=5700K, 65K=6500K.



DIMENSIONS



ADVANTAGE

- UL cUL certificate.
- IP65 Internal driver, 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 underground parking lot, garage and so on..

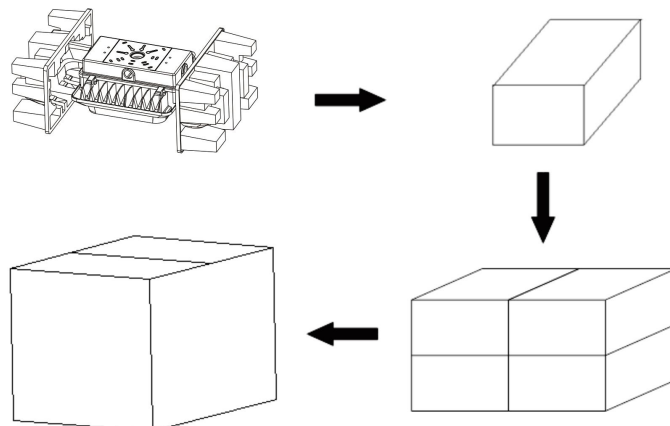
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	25W
	Color Temperature	3000K 3500K 4000K 4500K 5000K 5700K 6500K
	Lumen (Tolerance : -10%)	3181LM 3197LM 3214LM 3230LM 3246LM 3263LM 3296LM
	Efficacy (Tolerance : -3%)	126LM/W 127LM/W 128LM/W 128LM/W 129LM/W 129LM/W 131LM/W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	BUG	B1-U3-G1
	Diffuser Type	Clear Stripe PC
	Beam Angle (50%) (Tolerance : ±15%)	150 Degree
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz;
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	<60%
	Driver Brand	Daermay
	Driver Model	HB-LPG030-52
	Driver Surge protection	L/N-PE: 2.5kV, L-N: 2.5kV
	Dimming	0-10V dimming standard
MATERIALS	LED Brand	HongLi
	LED Type	SMD2835 (0.5W)
	LED QTY	75 PCS
	Housing	Die-cast aluminum
	Housing Color	White, or Customized
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-40°C TO +45°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	Lamps Net Weight	Weight/ Carton
Inner box	280*270*175 MM	1 PC	1.8KG	2.3KG
Outer box	560*370*300 MM	4 PCS	7.2KG	9.2KG

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: 0.211 A
 Power Factor: 0.994

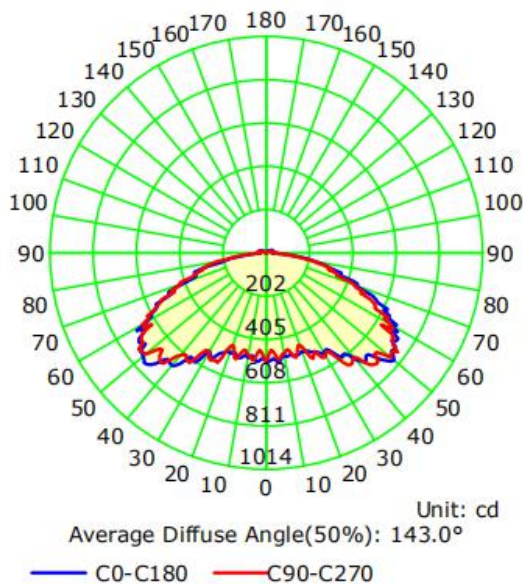
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 25.08 W

Photometric Results

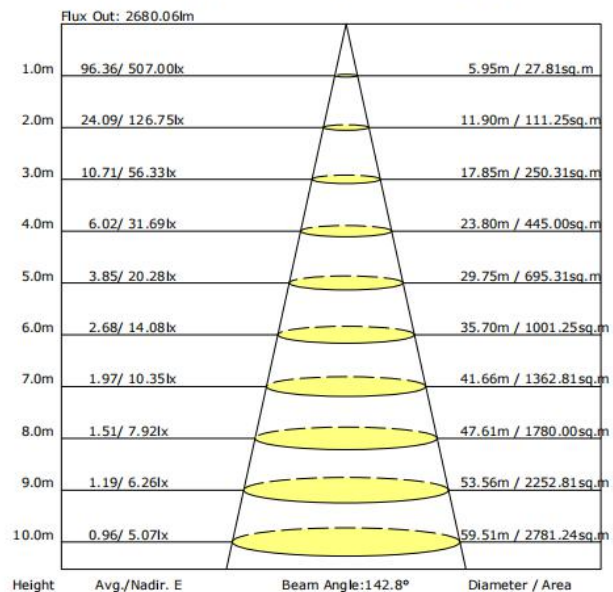
CIE Class: Direct
 Measurement Flux: 3181.5 lm
 Downward Ratio: 97%
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 170.4, 170.7, 173.2, 172.9
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 142.8, 143.1, 143.7, 144.3
 Luminaire Efficacy Rating (LER): 126.91
 Max. Intensity: 811.33 cd
 S/MH(C0/C180): 1.95

Total Rated Lamp Lumens: 3181.5 lm
 Efficiency: 100%
 Upward Ratio: 3%
 C0r0 Intensity: 507 cd
 Pos of Max. Intensity: H45 V60
 S/MH(C90/C270): 2.00

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.