



**GREENTEK ENERGY SYSTEMS, LLC**

[www.greentekes.com](http://www.greentekes.com)



P/N:GT-FWP1-3-100W-LBcbdP-aeK-S

Note:

GT= Company name

FWP1= Product series, LED Full-Cutoff Wall Pack;

3 = Diffuser light angle type, TYPE III;

100W= Rating Power;

L=Voltage AC120-277V;

B=LED Brand,Lumileds;

c=can be "M" for motion sensor ,"R" for PIR sensor provided or blank for none ;

b=can be "P" for Photocell provided or blank for none;

d=can be "S" for surge protection provided or blank for none;  
P=photocell function;

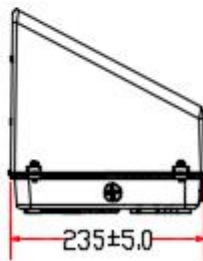
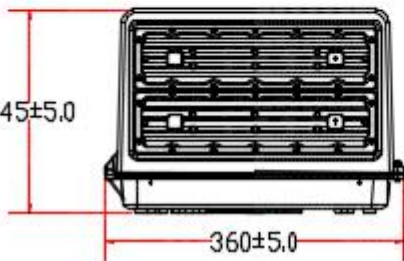
a=can be any two letters to represent lamp colors;

eK=CCT,such as 30K=3000K, 35K=3500K,40K=4000K,  
45K=4500K, 50K=5000K, 57K=5700K, 65K=6500K.

S= LED Module type;



## DIMENSIONS



## ADVANTAGE

- UL DLC 5.1 premium certificate.
- Lumileds 2835, high CRI.
- 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.
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## APPLICATION

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

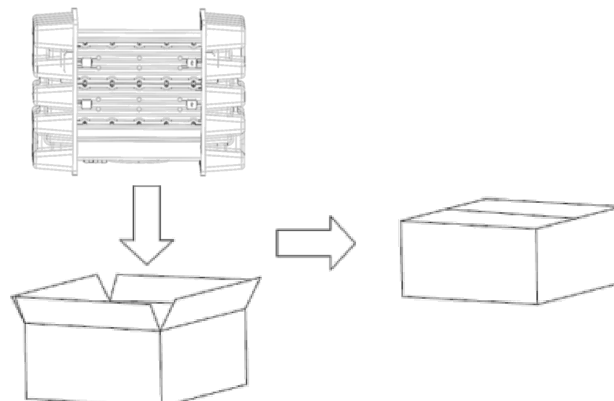
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	100W						
	Color Temperature	3000k	3500K	4000K	4500K	5000K	5700K	6500K
	Lumen (Tolerance : -10%): LM	13300	13300	13500	13600	13700	13800	14000
	Efficacy (Tolerance : -3%): LM/W	133	133	135	136	137	138	140
	CRI	>80						
	Color Consistency	<6Steps (or <6SDCM)						
	BUG	B3-U2-G2						
	Distribution Pattern	Type III						
	Beam Angle (50%) (Tolerance : ±15%)	100 Degree						
<b>ELECTRICAL</b>	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	MP-100TG130A						
	Driver Surge protection	L-N:6KV,L-PE:6KV, N-PE:6KV						
	Dimming	0-10V dimming standard						
	Optional Accessory	Surge protector / Motion Microwave sensor / Motion PIR sensor/ Photocell						
<b>MATERIALS</b>	LED Brand	Lumileds						
	LED Type	2835						
	LED QTY	240 PCS						
	Housing	Die-cast aluminum						
	Housing Color	Bronze, Black, or Customized						
	Waterproof Rating	WET (IP65)						
<b>OTHERS</b>	Operating Temperature	-40°C TO 50°C;						
	Storage Temperature	10%-90% RH						
	Operating Humidity	-40°C TO 80°C						
	Storage Humidity	10%-95% RH						
	Warranty	5 years						

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	400x300x305 MM	1 PC	4.8 KG	5.7KG

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: 0.859 A  
 Power Factor: 0.995

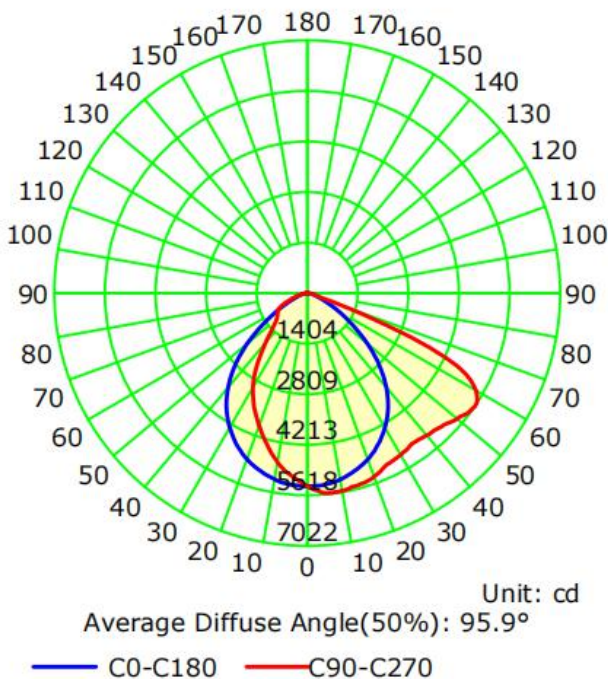
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 102.68 W

### Photometric Results

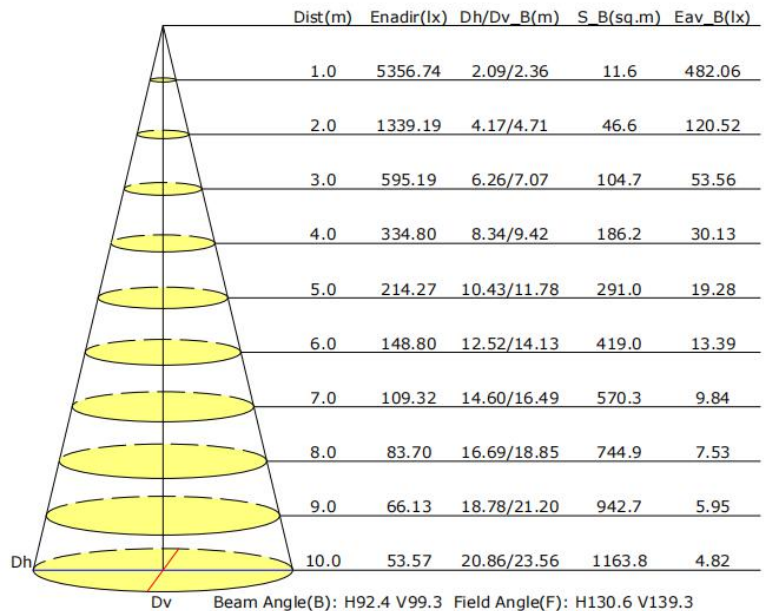
IES Classification: Type III  
 Total Rated Lamp Lumens: 13707.2 lm  
 Efficiency: 100%  
 Upward Ratio: 0%  
 C0r0 Intensity: 5356.74 cd  
 Pos of Max. Intensity: H90 V56

Longitudinal Classification: Very Short  
 Measurement Flux: 13707.2 lm  
 Downward Ratio: 100%  
 Luminaire Efficacy Rating (LER): 133.54  
 Max. Intensity: 5618.03 cd

Luminous Intensity Distribution Curve



Illuminance at a Distance



## 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.