



# LED

# Garden Light

With Photocell





P/N:WEN-GS02-150WSAT2A1-abcde

Note:

AST= Company name

GS02 = Product series, LED Garden Light

150W = Rating Power

S= Driver manufacturer, SOSEN

A = LED manufacturer, Hongli 2835

T2 = Diffuser light angle type, 90°

A1 = Version number

a= Housing colors, BH = Black、WH=White、BR=Brown、or Customized

b= P or blank represent Photocell or None Photocell

c= S or blank

represent Surge protector or None Surge protector

d= M or None

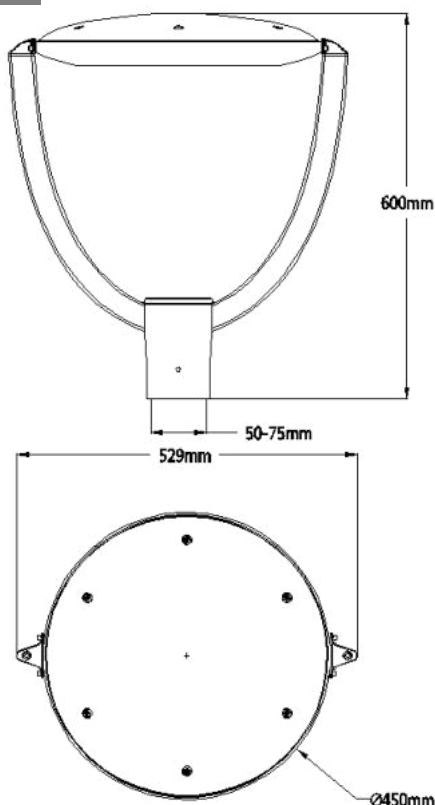
represent Motionsensor or None Motionsensor

e = CCT, 40=4000K, 45=4500K,

50=5000K, 57=5700K



## DIMENSIONS



## ADVANTAGE

- ☑ UL cUL DLC certificate.
- ☑ IP65 driver, input voltage 100-277VAC.
- ☑ 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

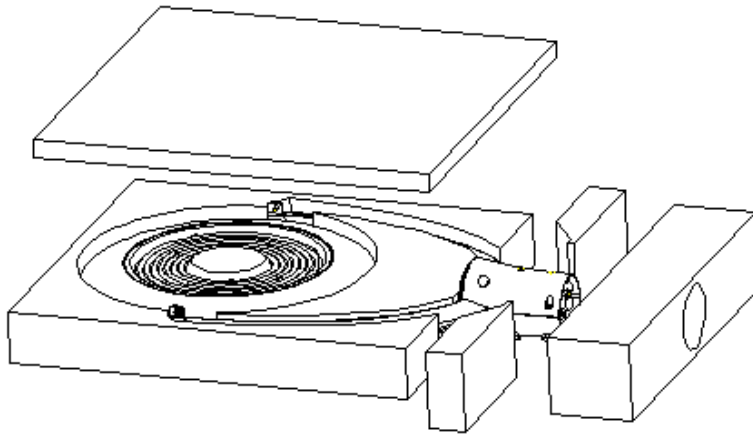
- ☑ City Slow Lane、Narrow Lane、
- ☑ Residential Area、 Plaza、
- ☑ Sightseeing Area、 Village Road and so on.

## SPECIFICATIONS

<b>OPTICAL</b>	Input Power	150W
	Lumen	17700-19200LM
	Lumen Efficacy	118-128 LM/W
	Color Temperature	4000K,4500K, 5000K, 5700K
	CRI	>80
	Viewing Angle	90Degree
<b>ELECTRICAL</b>	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	China Brand Driver
<b>MATERIALS</b>	LED Type	SMD2835 (0.5W)
	LED QTY	465 PCS
	Housing	Aluminum Alloy
	Housing Color	Black、White、Brown、or Customized
	Cover	PC lens
	Waterproof Rating	WET (IP65)
<b>OTHERS</b>	Operating Temperature	-40℃ TO 45℃
	Operating Humidity	10%-90% RH
	Storage Temperature	-40℃ TO 85℃
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years
	Dimmable	1-10V

## PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	835 x 585 x155 mm	1 PCS	6.5 KG	8.5 KG



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

Luminaire Manufacturer:

Voltage: 120.7 V

Power: 154.10 W

Current: 1.289 A

Power Factor: 0.990

### Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 18228.7 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 8520.73 cd

Pos of Max. Intensity: H315 V26

Longitudinal Classification: Very Short

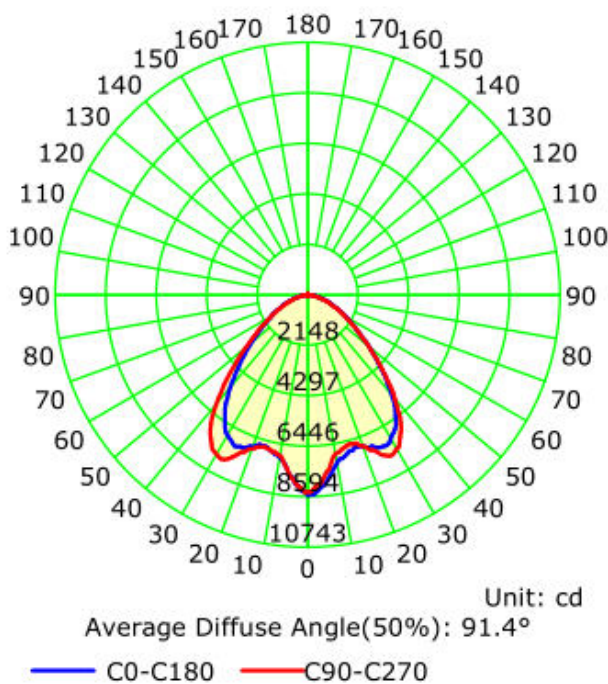
Measurement Flux: 18228.7 lm

Downward Ratio: 99%

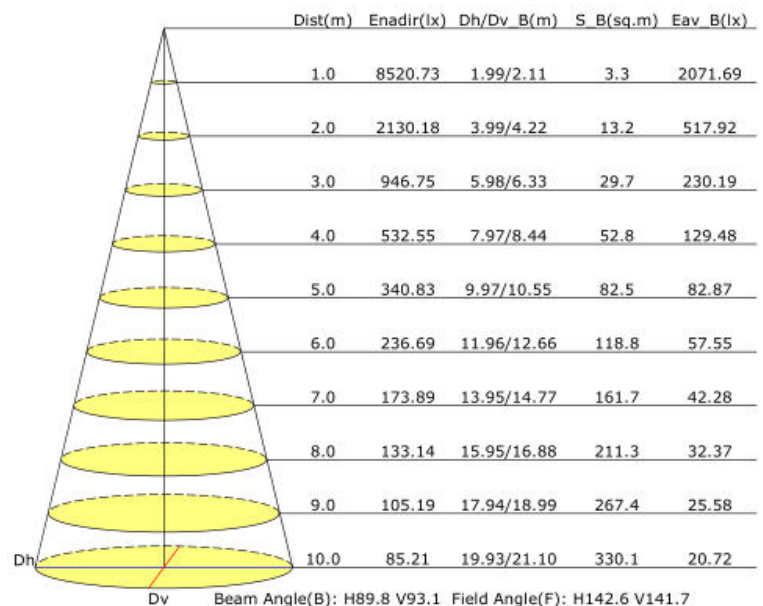
Luminaire Efficacy Rating (LER): 118.34

Max. Intensity: 8594.75 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**

<b>Troubles</b>	<b>Check points</b>
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.