GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com

P/N :GT-GS03-55WACGA1-abcde

Note:

GT= Company name

GS03 = Product series, LED Garden Light

55W = Rating Power

A= LED manufacturer, B=Lumileds 2835

CG = Diffuser type，CG=Clear Glass

A1 = Version number

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

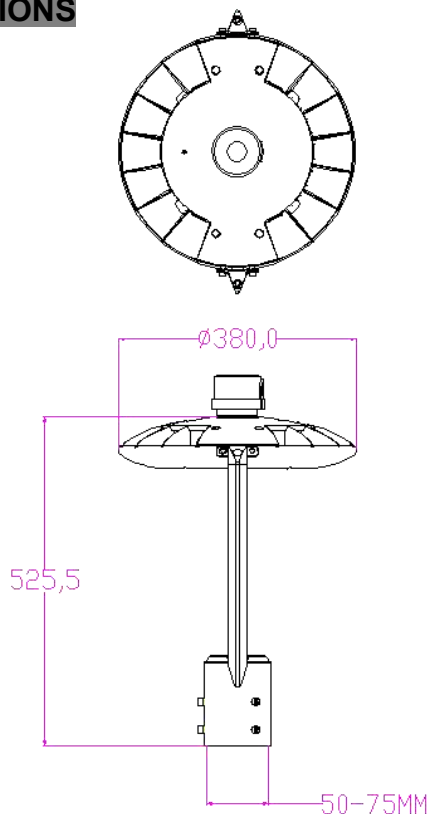b=M or blankrepresent Motionsensor or None Motionsensor

c= S or blank represent Surge protector or None Surge protector

d=P or blank represent Photocell or None Photocell

e = CCT, can be 3000K/4000K/5000K

DIMENSIONS

Ø380,0

525,5

50-75MM

ADVANTAGE

➢ UL DLC-V5.1(Premium) 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 humming.
➢ Green and eco-friendly without mercury.
➢ Color-Tunable, can be adjusted the CCT to 3000K, 4000K and 5000K.

APPLICATION

➢ City Slow Lane、Narrow Lane.
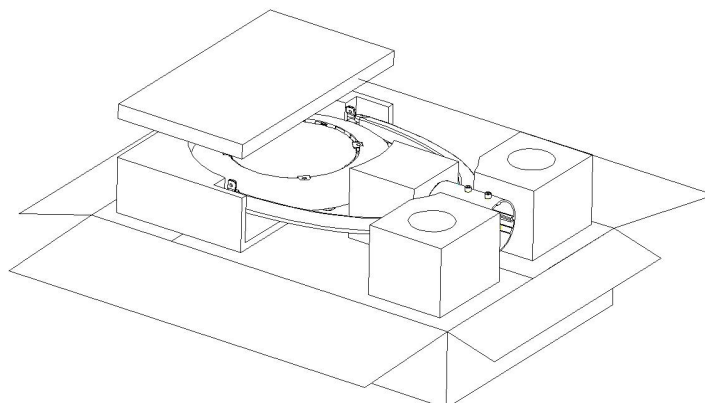➢ Residential Area，Plaza.
➢ Sightseeing Area，Village Road and so on.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	55W		
	Color Temperature（Color tunable）	3000K	4000K	5000K
	Lumen (Tolerance : -10%)	6640LM	7180LM	6950LM
	Efficacy (Tolerance : -3%)	124 LM/W	139 LM/W	130 LM/W
	CRI	>80		
	Color Consistency	＜7 SDCM		
	BUG	B2-U2-G1		
	Diffuser Type	Clear Glass		
	Beam Angle (50%) (Tolerance : ±15%)	115 Degree		
ELECTRICAL	Input Voltage and Frequency	Without Motion Sensor: 100-277VAC, 50/60Hz; With Motion Sensor: 120-277VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	＜60%		
	Driver Brand	Daermay		
	Driver Model	DY001-ID060-42		
	Driver Surge protection	1.5kV		
	Dimming	1-10V dimming standard		
	Optional Accessory	Photocontrol, Surge-protective Device, Motion Sensor		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835 (0.5W)		
	LED QTY	3000K 154PCS 5000K 154PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, or Customized		
	EPA	1.5 ft²		
	Waterproof Rating	WET（IP65）		
OTHERS	Operating Temperature	Without Motion Sensor: -40℃ TO 50℃; With Motion Sensor: -35℃ TO 50℃		
	Storage Temperature	-40℃ TO 85℃		
	Operating Humidity	20％ - 90％ RH		
	Storage Humidity	20％ - 90％ RH		
	Warranty	5 years		

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	730*515*180MM	1 PCS	4.5 KG	5.6 KG

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

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LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
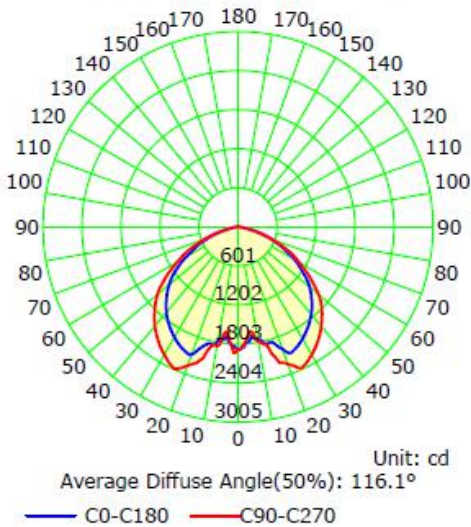Luminous Height (mm):
Current: 0.453 A
Power Factor: 0.985

Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
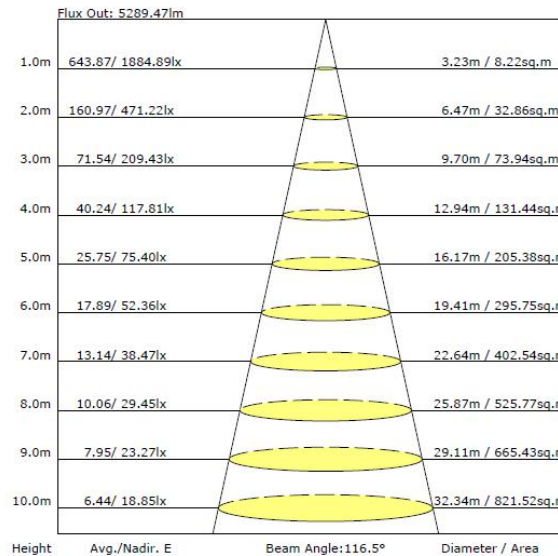Power: 53.53 W

Photometric Results

IES Classification: Type II
Total Rated Lamp Lumens: 6638.9 lm
Efficiency: 100%
Upward Ratio: 1%
C0r0 Intensity: 1884.89 cd
Pos of Max. Intensity: H247.5 V24

Longitudinal Classification: Very Short
Measurement Flux: 6638.9 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 124.(
Max. Intensity: 2404.67 cd

Luminous Intensity Distribution Curve

Unit: cd
Average Diffuse Angle(50%): 116.1°
— C0-C180
— C90-C270

The Average Illuminance Effective Figure

Flux Out: 5289.47lm

Height	Avg./Nadir. E	Diameter / Area
1.0m	643.87/ 1884.89lx	3.23m / 8.22sq.m
2.0m	160.97/ 471.22lx	6.47m / 32.86sq.m
3.0m	71.54/ 209.43lx	9.70m / 73.94sq.m
4.0m	40.24/ 117.81lx	12.94m / 131.44sq.m
5.0m	25.75/ 75.40lx	16.17m / 205.38sq.m
6.0m	17.89/ 52.36lx	19.41m / 295.75sq.m
7.0m	13.14/ 38.47lx	22.64m / 402.54sq.m
8.0m	10.06/ 29.45lx	25.87m / 525.77sq.m
9.0m	7.95/ 23.27lx	29.11m / 665.43sq.m
10.0m	6.44/ 18.85lx	32.34m / 821.52sq.m

Beam Angle:116.5°

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.