



## Specifications

Model No	AST-SWP09M-100DBSGDC1-BR30/40/50W	
OPTICAL	Power	100W/80W/60W ADJ
	Lumen	13000-14000LM
	Lumen Efficacy	130-140LM/W
	Viewing Angle	105°
	CCT	3000K/4000K/5000K ADJ
	CRI	>80
ELECTRICAL	Input Voltage	120-347VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	Becky
MATERIALS	LED Type	SMD2835
	LED QTY	648 PCS
	Housing	Aluminum Alloy
	Cover	Glass
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-40°C TO 45°C
	Operating Humidity	20%-90% RH
	Storage Temperature	-40°C TO 80°C
	Storage Humidity	10%-90% RH
	Warranty Time	5 Years

### ADVANTAGE

- UL cUL certificate.
- IP65 driver, input voltage 120-347VAC.
- 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.



### LIGHT DISTRIBUTION TESTING PARAMETERS (100W)

#### Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.814 A  
Power Factor: 0.995

Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 120.0 V  
Power: 97.25 W

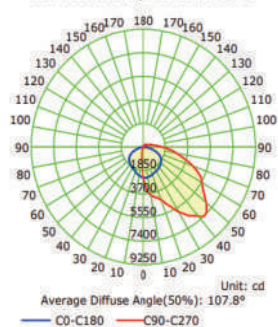
#### Photometric Results

IES Classification: Type IV  
Total Rated Lamp Lumens: 12449.4 lm  
Efficiency: 100%  
Upward Ratio: 8%  
C0r0 Intensity: 2413.89 cd  
Pos of Max. Intensity: H90 V43  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 133.0, 82.6, 76.9, 73.6

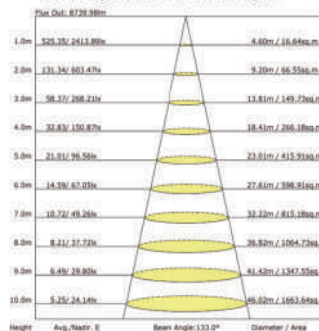
Longitudinal Classification: Very Short  
Measurement Flux: 12449.4 lm  
Downward Ratio: 92%  
Luminaire Efficacy Rating (LER): 128.06  
Max. Intensity: 7400.46 cd



Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### DIMENSIONS

