



P/N:AST-S-G03B-150WSAT3A2-abcef

Note:

AST= Company name

S-G03B = Product series, LED Shoebox Light

150W = Rating Power

S=Driver manufacturer, SOSEN A =

LED manufacturer, Lumileds

T3=Diffuser light angle type, TYPE

III A2= Version number

a=can be any two letters to represent lamp colors

b="P" for Photocell provided or blank for no Photocell provided

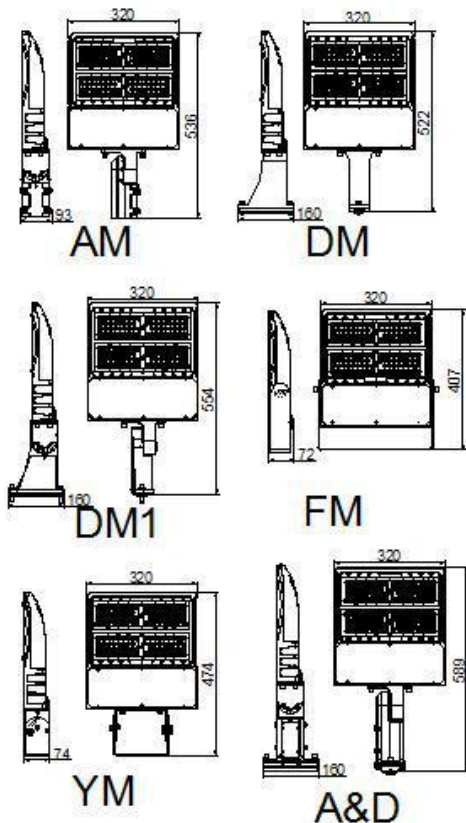
c="S" for Surge-Protective Device provided or blank for no Surge-Protective Device provided

e=Stent type, can be AM, DM, DM1, YM, FM or

A&D f= CCT, , can be any two-digit



## DIMENSIONS



## ADVANTAGE

- UL cUL DLC certificate.
- Lumileds Chip, high CRI.
- IP65 driver, input voltage 100-277VAC.
- Output constant current lever can be adjusted through output cable with 1-10V.
- 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

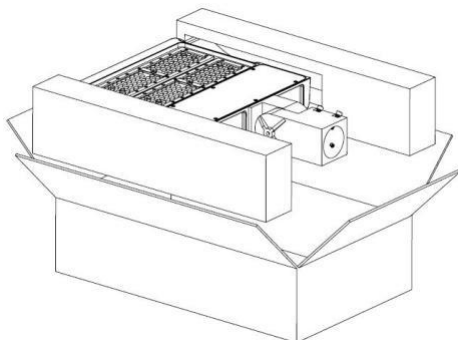
- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza, road lamp etc.

**SPECIFICATIONS**

<b>OPTICAL</b>	Input Power	150W
	Lumen	18750-20250LM
	Lumen Efficacy	125-135 LM/W
	Color Temperature	4000K, 5000K, 5700K
	CRI	>70
	Standard Viewing Angle	150°85 Degree (Type III)
<b>ELECTRICAL</b>	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	SS-150E-58B
	Optional Accessory	Photocell / Surge protector
<b>MATERIALS</b>	LED Brand	Lumileds
	LED Type	SMD3030
	LED QTY	140 PCS
	Housing	Aluminum Alloy
	Housing Color	any colors
	Waterproof Rating	WET (IP65)
<b>OTHERS</b>	Operating Temperature	-40℃ TO 45℃
	Operating Humidity	10%-90% RH
	Storage Temperature	-40℃ TO 80℃
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

**PACKAGE**

Stent Type	Lamp Net Weight	Size	Qty / Carton	Gross Weight / Carton
AM	5.3KG	605*370*170mm	1 PC	6.5KG
DM	4.8KG	605*370*170mm	1 PC	6KG
DM1	5KG	605*370*170mm	1 PC	6.2KG
YM	4.7KG	605*370*170mm	1 PC	5.9KG
FM	4.9KG	605*370*170mm	1 PC	5.9KG
A&D	5.4KG	605*370*170mm	1 PC	6.6KG



**LIGHT DISTRIBUTION TESTING PARAMETERS****Luminaire Property**

Luminaire Manufacturer:

Voltage: 119.9 V

Power: 150.30 W

Current: 1.255 A

Power Factor: 0.998

**Photometric Results**

IES Classification: Type III

Total Rated Lamp Lumens: 19746.0 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 4777.93 cd

Pos of Max. Intensity: H157.5 V69

Longitudinal Classification: Medium

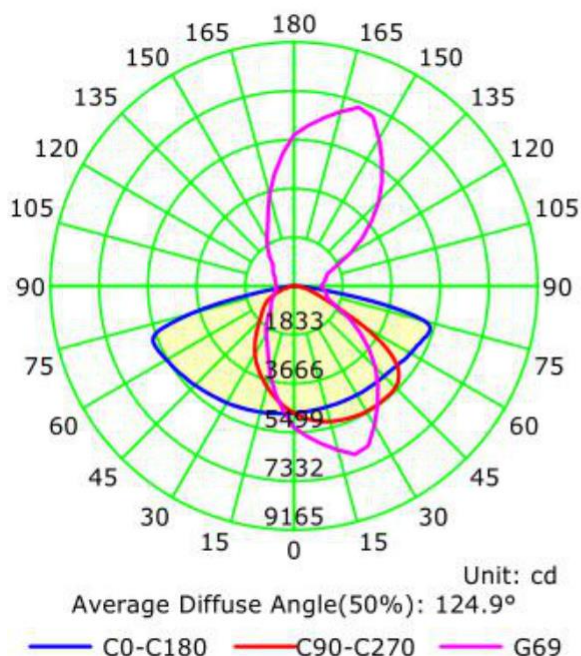
Measurement Flux: 19746 lm

Downward Ratio: 99%

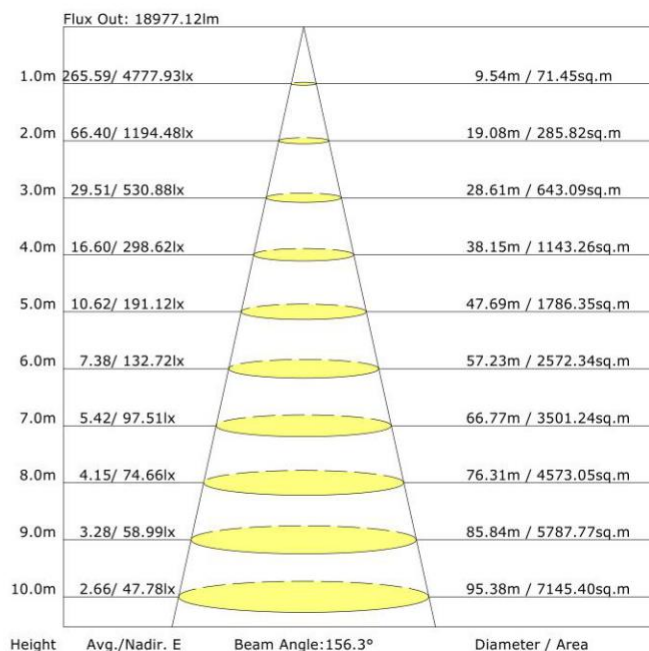
Luminaire Efficacy Rating (LER): 131.38

Max. Intensity: 7332.4 cd

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.