

# LED FLOOD LIGHT



P/N: WSL-S-G03B-100WSAT3A2-abcdef

Note:

WSL= Company name S-G03B = Product series, Led Flood Light 100W = 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

d="M" for Motion Sensor or blank for no Motion Sensor provided

e=Stent type, can be ,YM, FM

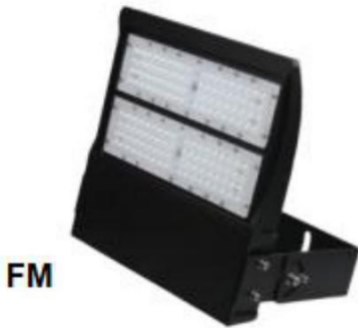
f= CCT, , can be any two-digit

## 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

- Factory floor, libraries, square, park;
- Supermarkets, railway stations, exhibition hall;
- Convention and exhibition center, warehouse;
- Advertising lighting, etc.

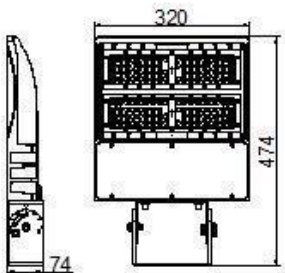


FM

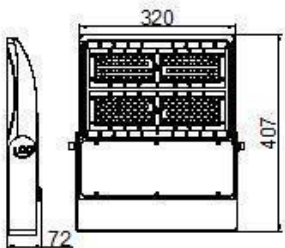


YM

## DIMENSIONS



YM



FM

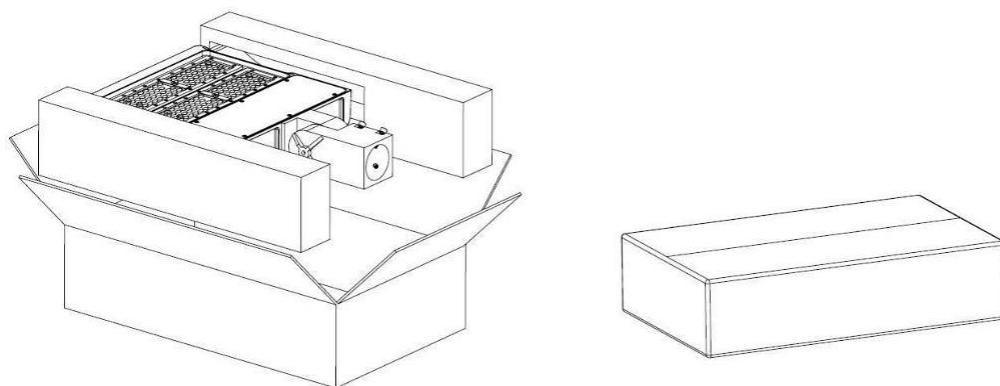
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## SPECIFICATIONS

OPTICAL	Input Power	100W
	Lumen	12500-13500 LM
	Lumen Efficacy	125-135 LM/W
	Color Temperature	4000K,5000K, 5700K
	CRI	>70
	Standard Viewing Angle	150*85 Degree (Type III)
ELECTRICAL	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	SS-100E-58B
	Optional Accessory	Photocell / Surge protector
MATERIALS	LED Brand	Lumileds
	LED Type	SMD3030
	LED QTY	112 PCS
	Housing	Aluminum Alloy
	Housing Color	any colors
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-40℃ TO 45℃
	Operating Humidity	10%-90% RH
	Storage Temperature	-40℃ TO 80℃
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years Limited Warranty

## PACKAGE

Stent Type	Lamp Net Weight	Size	Qty / Carton	Gross Weight / Carton
YM	4.6KG	605*370*170mm	1 PC	5.8KG
FM	4.8KG	460*370*165mm	1 PC	5.8KG



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

Luminaire Manufacturer:

Voltage: 120.0 V

Power: 101.88 W

Current: 0.8507 A

Power Factor: 0.998

**Photometric Results**

IES Classification: Type III

Total Rated Lamp Lumens: 14012.9 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 3315.07 cd

Pos of Max. Intensity: H22.5 V73

Longitudinal Classification: Medium

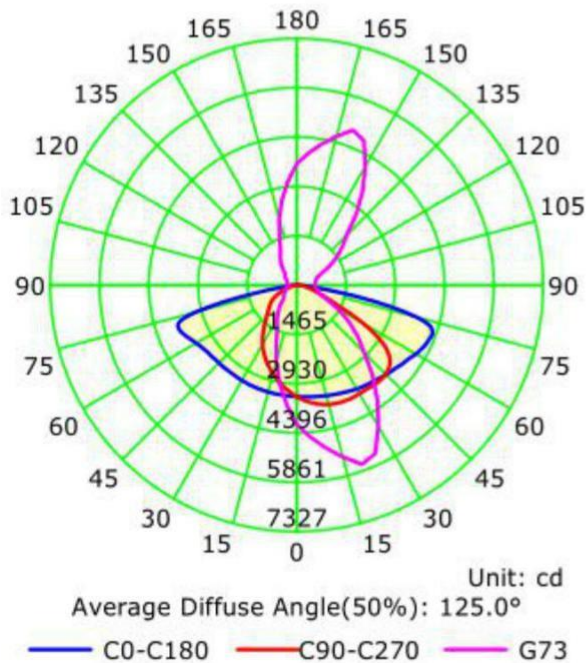
Measurement Flux: 14012.9 lm

Downward Ratio: 99%

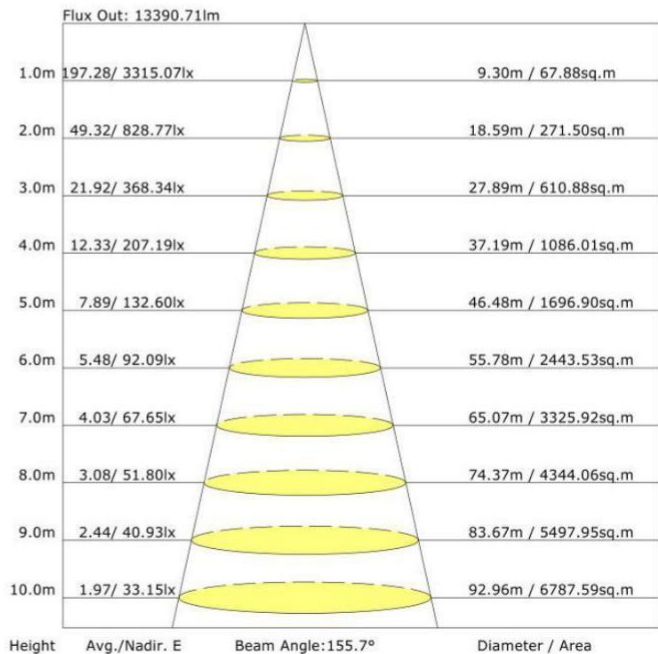
Luminaire Efficacy Rating (LER): 137.54

Max. Intensity: 5861.63 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.