



WEN LIGHTING
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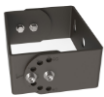
AM



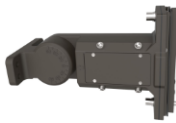
DM



YM1



YM2

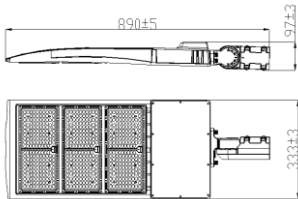


A&D

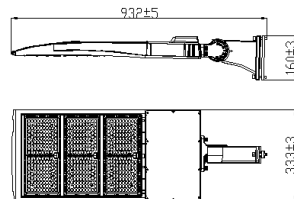


FM

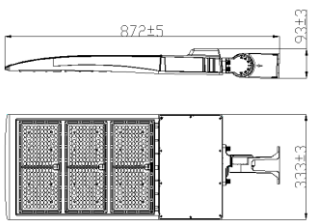
DIMENSIONS



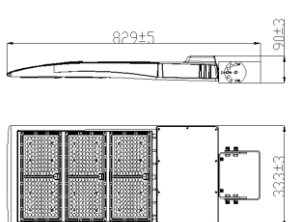
AM



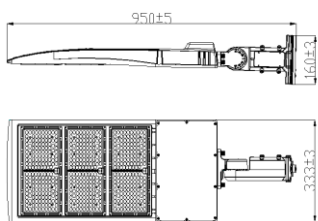
DM



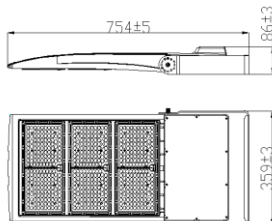
YM1



YM2



A&D



FM

SKU:- WEN-S-G07-450WCT3B2-BR3NP20SPA&D57

Note:

WEN= Company name;

S-G14 = Product series, LED Flood Light;

450W = Rating Power;

B =Lumileds LED;

T3=TYPE III;

A1=120-277VAC;

“a” can be any two letters to represent lamp colors , BR=Brown, BH=Black, or Customized;

“b” can be “3RP”, “3NP”, “5RP”, “5NP”, “7RP” or “7NP” for Photocontrol type provided or blank for no Photocontrol provided;

“c” can be “10SP” or “20SP” for Surge-protective Device type provided or blank for no Surge-Protective Device provided;

“d” can be “DM”, “DP” or blank for DC Motion Microwave sensor, DC Motion PIR sensor provided or not;

“e” can be “AM”, “DM”, “YM1”, “YM2”, “A&D” or

“FM” to represent mounting bracket types;

“g” can be any two digits to represent CCT
 30=3000K,35=3500K,40=4000K,45=4500K,
 50=5000K, 57=5700K;

ADVANTAGE

- UL cUL certificate;
- Lumileds Chip, high CRI;
- Input voltage 120-277VAC;
- 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;

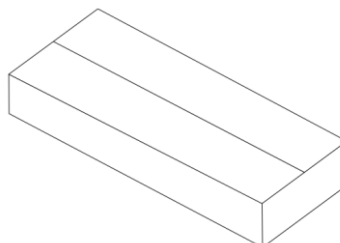
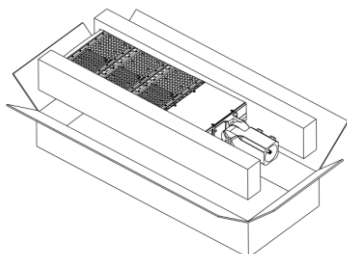
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	450W					
	Color Temperature	3000K	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : ±10%)	56744LM	58263LM	58882LM	59501LM	60120LM	60739LM
	Efficacy (Tolerance : ±3%)	127LM/W	129LM/	130LM/W	131/W	133LM/W	134LM/W
	CRI	>80					
	Color Consistency	<6 Steps (or <6 SDCM)					
	BUG	B5-U0-G5					
	Distribution Pattern	Type III					
	Beam Angle (50%) (Tolerance : ±15%)	150*95 Degree					
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz					
	PF (Tolerance : -3%)	≥0.9					
	THD (Tolerance : +5%)	≤20%					
	Flicker Percent	<5%					
	Driver Brand	LIFUD					
	Driver Model	LF-FAA240 double					
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV					
	Dimming	1-10V dimming standard					
	Sensor Type	Occupancy Sensor, Exterior Photocell, Integral Sensor Receptacle					
	Optional Accessory	Photocontrol, Surge-protective Device, DC Motion Microwave sensor, DC Motion PIR sensor, photocell receptacle, shorting cap					
MATERIALS	LED Brand	Lumileds					
	LED Type	SMD2835					
	LED QTY	552 PCS					
	Housing	Die-cast aluminum					
	Housing Color	Brown, Black, or Customized					
	EPA	2.8 ft ²					
	Waterproof Rating	WET (IP65)					
OTHERS	Operating Temperature	-40°C TO 45°C; With Motion Sensor: -30°C TO 45°C					
	Storage Temperature	-40°C TO 80°C					
	Operating Humidity	5% - 95% RH					
	Storage Humidity	5% - 95% RH					
	Warranty	5 years					

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	975*395*163MM	1 PC	9.12kg	10.5kg
DM	975*395*163MM	1 PC	8.72kg	10.1kg
YM1	975*395*163MM	1 PC	8.82kg	10.2kg
YM2	905*395*163MM	1 PC	8.52kg	9.9kg
A&D	975*395*163MM	1 PC	9.37kg	10.75kg
FM	905*395*163MM	1 PC	8.92kg	10.3kg

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



LIGHT DISTRIBUTION TESTING PARAMETERS < Type III >

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm):
 Luminous Height (mm):
 Current: 3.775 A
 Power Factor: 0.998

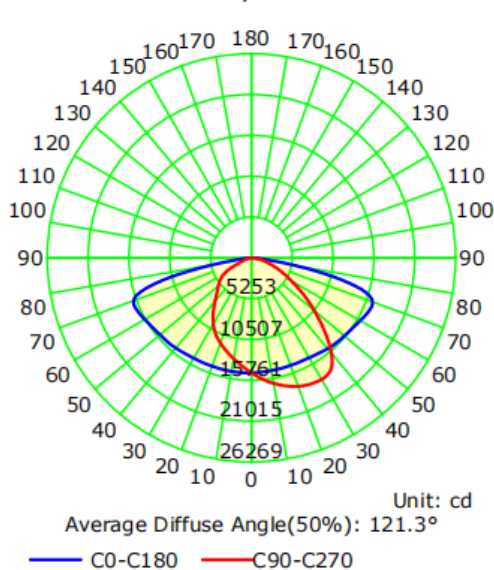
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 452.06 W

Photometric Results

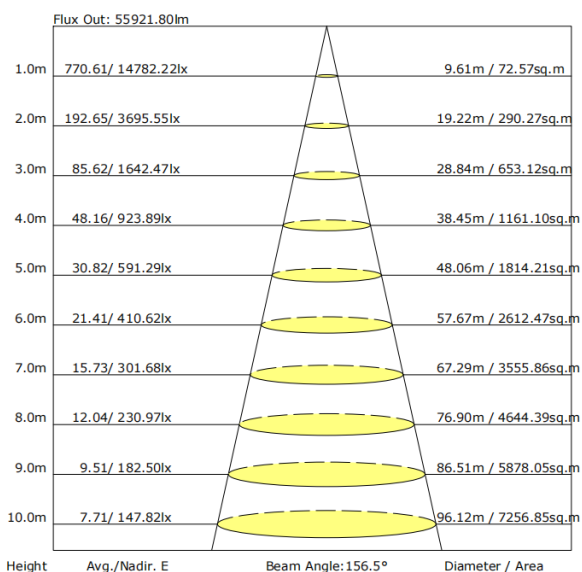
IES Classification: Type III
 Total Rated Lamp Lumens: 57644.7 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 14782.22 cd
 Pos of Max. Intensity: H22.5 V68
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 156.5, 86.2, 109.4, 109.3

Longitudinal Classification: Medium
 Measurement Flux: 57644.7 lm
 Downward Ratio: 100%
 Luminaire Efficacy Rating (LER): 127.57
 Max. Intensity: 21015.62 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 phenomenon occur, then call agencies.
Out of working	Please check the connection.