



WEN LIGHTING
E-mail: info@wenlighting.com
www.wenlighting.com

SKU:-

WEN-S-G07-150WCT3A1-BRPMA&D5700K-W-MOTION-PCCELL

Note:

WEN= Company name;

S-G14B = Product series, LED Shoebox Light;

150W = Rating Power;

"B" =LED manufacturer,Lumileds 2835;

"T3" =light distribution type;

"A5"=Version number;

"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", "Z", "ZM", "ZP" or blank for DC sensor type provided or not;

"e" can be "AM", "DM", "A&D","YM"or "FM" to represent mounting bracket types;

"W" for wattage adjustable;

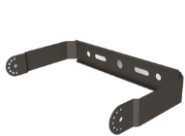
"g" can be any two digits to represent CCT,can be
30=3000K, 35=3500K,40=4000K, 45=4500K,
50=5000K, 57=5700K;



AM



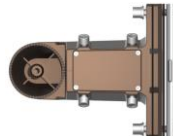
DM



FM

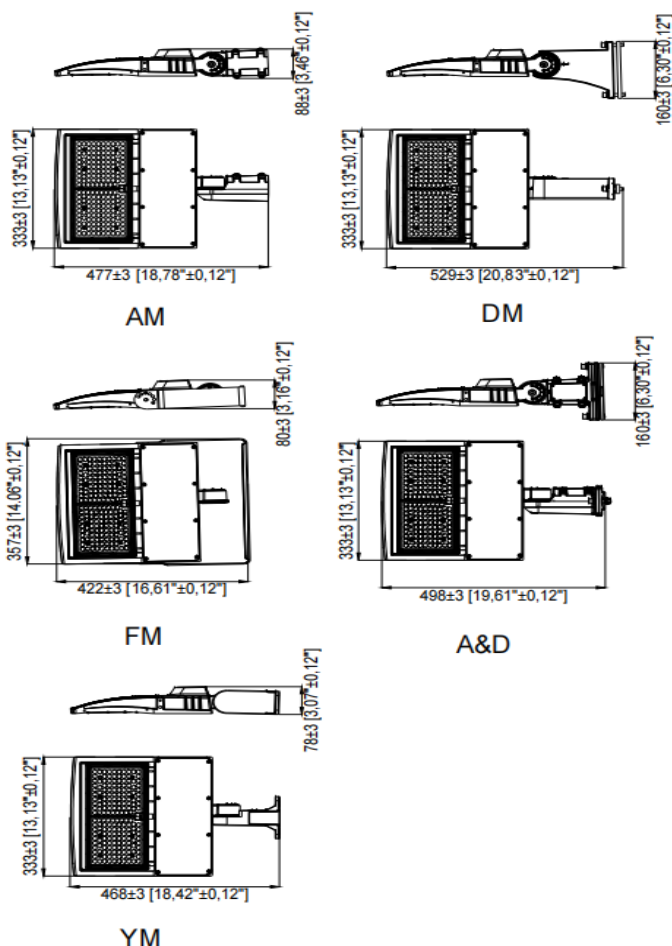


YM



A&D

DIMENSIONS



ADVANTAGE

- UL cUL certificate;
- Lumileds Chip, high CRI;
- Input voltage 120-277 VAC;
- Output constant current lever can be; adjusted through output cable with 0-10V;
- 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;
- Outdoor basketball court, tennis court;
- Badminton court, the football field;

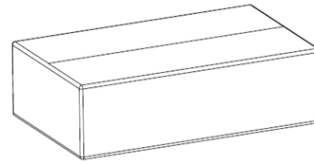
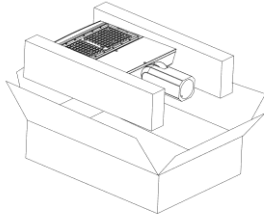
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	150W/120W/100W (Wattage Adjustable Range: 25%-100%)					
	Color Temperature	3000K	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : $\pm 10\%$)	19200 LM	19350 LM	19500 LM	19650 LM	19800 LM	19950 LM
	Efficacy (Tolerance : $\pm 3\%$)	128 LM/W	129 LM/W	130 LM/W	131 LM/W	132 LM/W	133 LM/W
	CRI	>80					
	Color Consistency	<6 Steps (or <6 SDCM)					
	BUG	B3-U0-G3					
	Distribution Pattern	Type III					
	Beam Angle (50%) (Tolerance : $\pm 15\%$)	155*80 Degree					
ELECTRICAL	Input Voltage and Frequency	120-277 VAC, 50/60Hz					
	PF (Tolerance : -3%)	≥ 0.9					
	THD (Tolerance : +5%)	$\leq 20\%$					
	Flicker Percent	<5%					
	Driver Brand	SOSEN					
	Driver Model	SS-160NH-E260BH					
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV					
	Dimming	0-10V 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	184 PCS					
	Housing	Die-cast aluminum					
	Housing Color	Brown, Black, or Customized					
	Waterproof Rating	WET (IP65)					
OTHERS	Operating Temperature	Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO 50°C					
	Storage Temperature	-40°C TO 85°C					
	Operating Humidity	10% - 95% RH					
	Storage Humidity	10% - 95% RH					
	Warranty	5 years					

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	565*385*155mm [22.24*15.16*6.10 inch]	1 PC	4.3Kg [9.46 LBS]	5.1Kg [11.22 LBS]
DM	565*385*155mm [22.24*15.16*6.10 inch]	1 PC	4.5Kg [9.90 LBS]	5.3Kg [11.66 LBS]
FM	565*385*155mm [22.24*15.16*6.10 inch]	1 PC	5.3Kg [11.66 LBS]	6.1Kg [13.42 LBS]
YM	565*385*155mm [22.24*15.16*6.10 inch]	1 PC	4.4Kg [9.68LBS]	5.2Kg [11.44 LBS]
A&D	565*385*155mm [22.24*15.16*6.10 inch]	1 PC	4.6Kg [10.12 LBS]	5.4Kg [11.88 LBS]

Tolerance of Carton Size: ± 15 mm [± 0.59 inch], Tolerance of Weight: $\pm 10\%$.

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

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.269 A

Power Factor: 0.999

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 152.16 W

Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 19419.2 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 5208.34 cd

Pos of Max. Intensity: H160 V69

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 157.7, 82.5, 108.9, 105.7

Longitudinal Classification: Medium

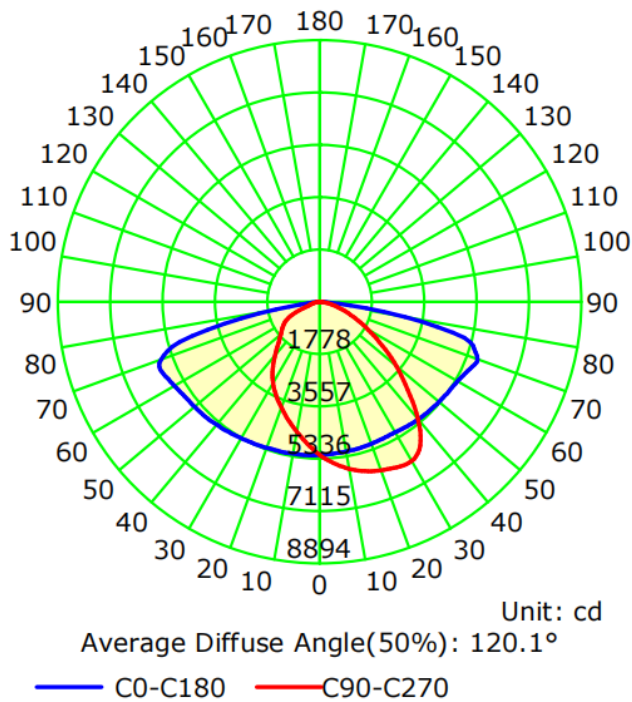
Measurement Flux: 19419.2 lm

Downward Ratio: 100%

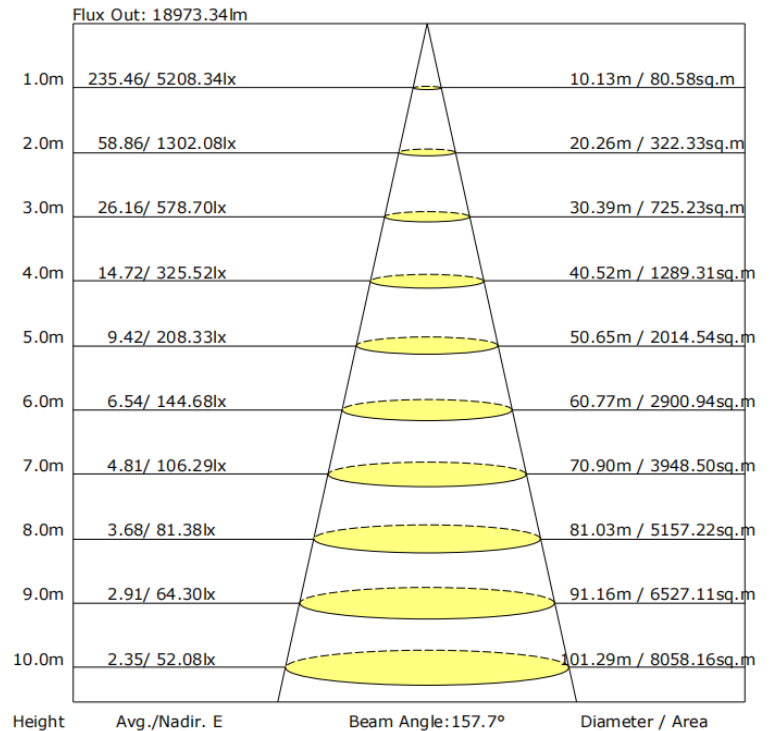
Luminaire Efficacy Rating (LER): 127.67

Max. Intensity: 7115.4 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.