



WEN LIGHTING  
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SKU:- WEN-S-G07-150WCT3A1-BRA&D4000K-W-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;

## ADVANTAGE

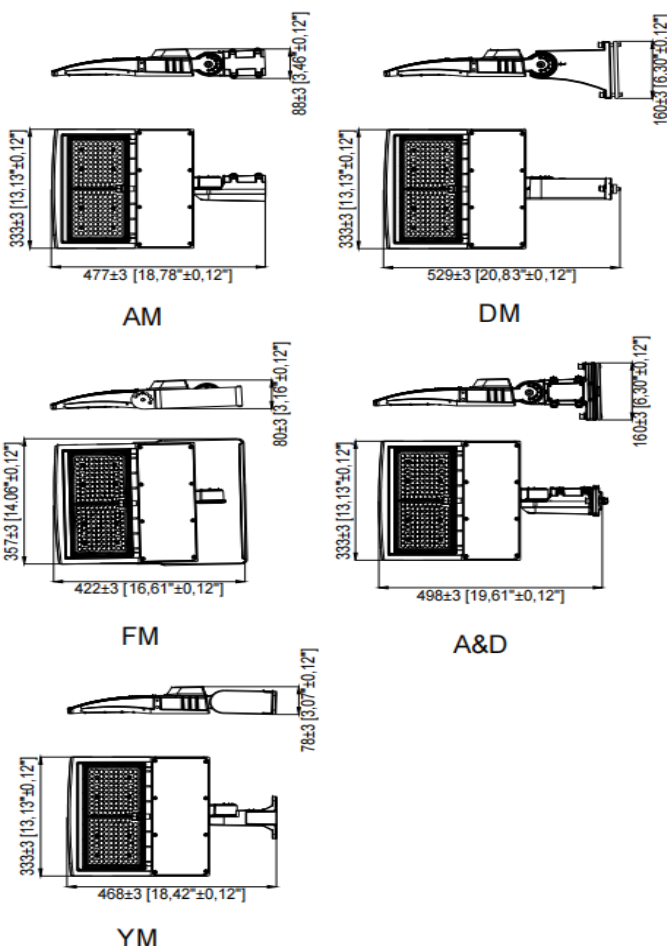
- UL cUL certificate;
- Lumileds Chip, high CRI;
- Input voltage 120-277 VAC;
- Output constant current lever can be; adjusted through output cable with 0-10V;
- No UV or IR in the beam;
- Easy to install and operate;
- Energy saving, long lifespan;
- Light is soft and uniform, safe to eyes;
- Instant 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;



## DIMENSIONS



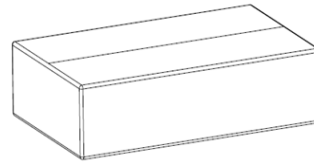
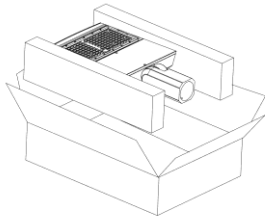
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	150W/120W/100W (Wattage Adjustable Range: 25%-100%)					
	Color Temperature	3000K	3500K	<b>4000K</b>	4500K	5000K	5700K
	Lumen (Tolerance : ±10%)	19200 LM	19350 LM	<b>19500 LM</b>	19650 LM	19800 LM	19950 LM
	Efficacy (Tolerance : ±3%)	128 LM/W	129 LM/W	<b>130 LM/W</b>	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 : ±15%)	155*80 Degree					
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277 VAC, 50/60Hz					
	PF (Tolerance : -3%)	≥0.9					
	THD (Tolerance : +5%)	≤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					
<b>MATERIALS</b>	LED Brand	Lumileds					
	LED Type	SMD2835					
	LED QTY	184 PCS					
	Housing	Die-cast aluminum					
	Housing Color	<b>Brown, Black, or Customized</b>					
	Waterproof Rating	WET (IP65)					
<b>OTHERS</b>	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: ±10%.



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

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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

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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

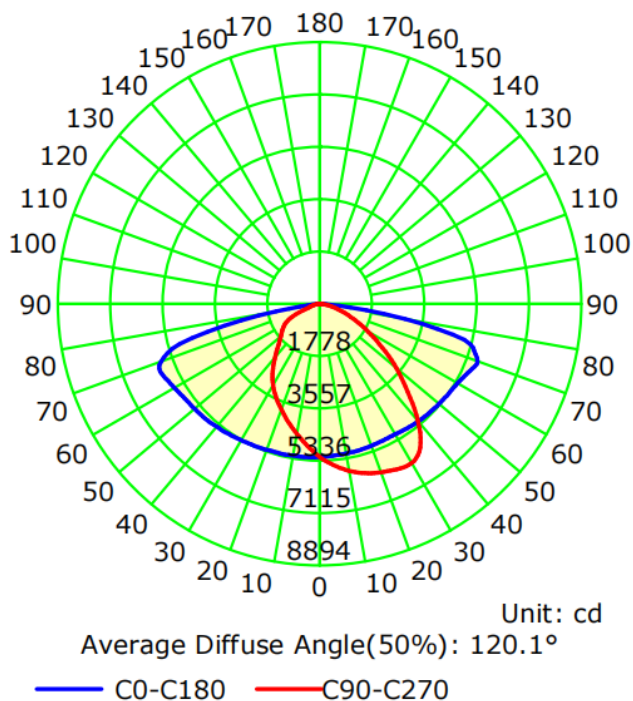
Measurement Flux: 19419.2 lm

Downward Ratio: 100%

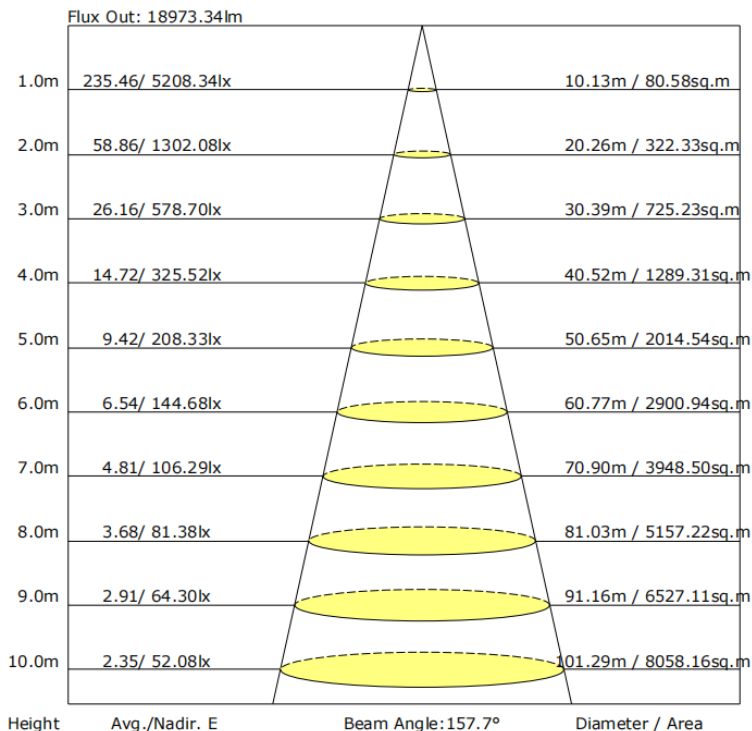
Luminaire Efficacy Rating (LER): 127.67

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.