



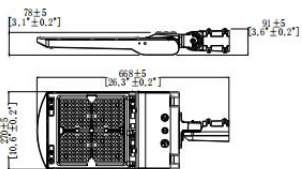
AM DM YM A&D FM



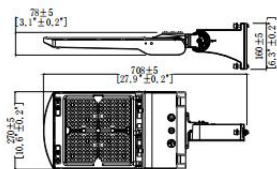
AM1 DM1 YM1 A&D1 DM2



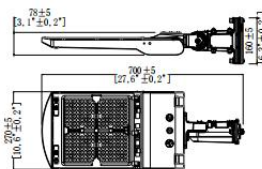
## DIMENSIONS



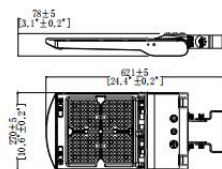
AM



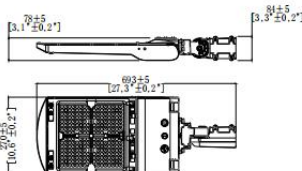
DM



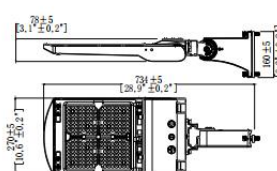
A&D



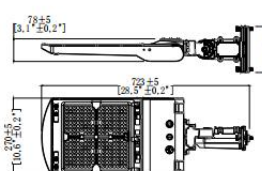
YM



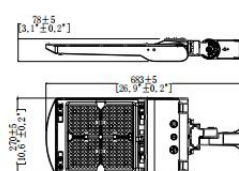
AM1



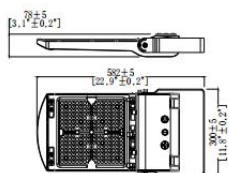
DM1



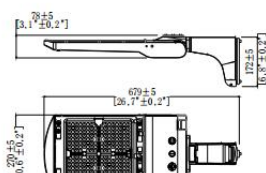
A&D1



YM1



FM



DM2

## ADVANTAGE

- Lumileds Chip, high CRI;
- Input voltage 120-277VAC;
- 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;
- Community leisure entertainment plaza,
- Warehouse, factory and workshops;
- Highway toll station;

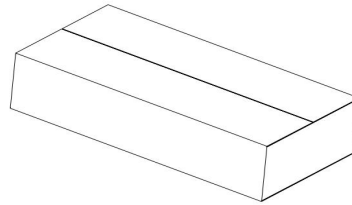
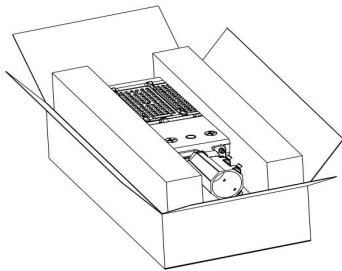
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	80W/100W/150W Wattage Selectable		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	20250LM	22500LM	21000LM
	Efficacy (Tolerance : ±3%)	135LM/W	150LM/W	140LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	BUG	B3-U0-G3		
	Distribution Pattern	Type III		
	Beam Angle (50%) (Tolerance : ±15%)	135*45 Degree		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 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	2835		
	LED QTY	460 PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, or Customized		
	EPA	2.6 ft <sup>2</sup>		
	Waterproof Rating	WET (IP65)		
<b>OTHERS</b>	Operating Temperature	Without Motion Sensor: -40°C TO 50°C; With Motion Sensor: -30°C TO		
	Storage Temperature	-40°C TO 85°C		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
	Warranty	5 years		

## PACKAGE

Bracket Type	Carton Size	Qty /	Net Weight / PCS	Gross Weight / Carton
AM	800*350*143mm	1 PCS	4.9KG[10.8LBS]	6.16KG[13.58LBS]
AM1		1 PCS		
DM		1 PCS		
DM1		1 PCS		
A&D		1 PCS		
A&D1		1 PCS		
YM		1 PCS		
YM1		1 PCS		
FM		1 PCS		
DM2		1 PCS		

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



## LIGHT DISTRIBUTION TESTING PARAMETERS

## 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.