



## ADVANTAGE

- UL cUL DLC-V5.1(Premium) certificate;
- Lumileds Chip, high CRI;
- Input voltage 277-480VAC;
- 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;

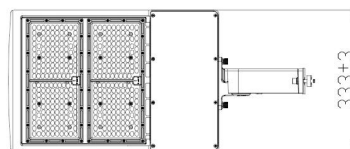
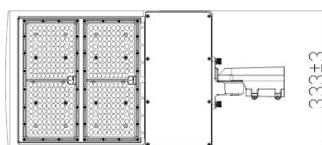
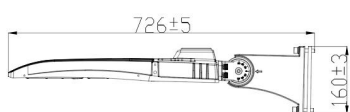
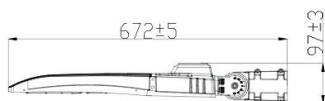


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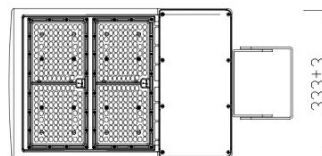
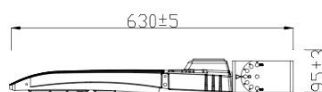
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## DIMENSIONS



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## APPLICATION

- Outdoor basketball court, tennis court;
- Badminton court, the football field;
- The school playground, stadium;
- Community leisure entertainment plaza, road lamp etc;

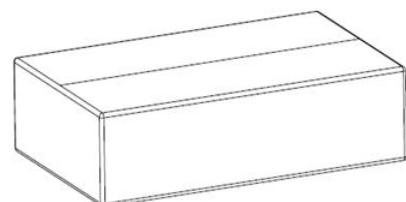
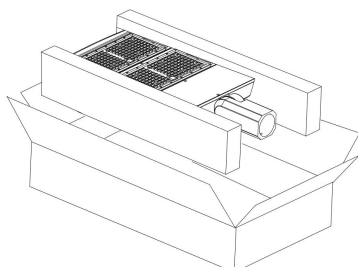
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	200W					
	Color Temperature	3000K	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	25610LM	25986LM	26362LM	26676LM	26990LM	27868LM
	Efficacy (Tolerance : -3%)	129LM/W	131LM/W	133LM/W	134.7LM/W	136LM/W	141LM/W
	CRI	>80					
	Color Consistency	<6 Steps (or <6 SDCM)					
	BUG	B3-U0-G3					
	Distribution Pattern	TYPE III					
Beam Angle (50%) (Tolerance : ±15%)	150*100 Degree						
<b>ELECTRICAL</b>	Input Voltage and Frequency	277-480VAC, 50/60Hz					
	PF (Tolerance : -3%)	≥0.9					
	THD (Tolerance : +5%)	≤20%					
	Flicker Percent	<5%					
	Driver Brand	Fahold					
	Driver Model	FD-240V-50B					
	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	260 PCS					
	Housing	Die-cast aluminum					
	Housing Color	Brown, Black, or Customized					
	EPA	2.1 ft <sup>2</sup>					
	Waterproof Rating	WET (IP65)					
<b>OTHERS</b>	Operating Temperature	-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 warranty with 24/7 operating hours Luminaire lifetime at 25°C.					

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	620*395*170 MM	1 PC	6.5Kg	7.8Kg
DM	650*395*170 MM	1 PC	7.52Kg	8.82Kg
YM1	650*395*170 MM	1 PC	6.6Kg	7.9Kg
YM2	670*395*170 MM	1 PC	7.03Kg	7.78Kg
A&D	650*395*170 MM	1 PC	7.69Kg	8.99Kg
FM	665*395*170 MM	1 PC	7.01Kg	8.21Kg

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



## LIGHT DISTRIBUTION TESTING PARAMETERS < Type III >

### Luminaire Property

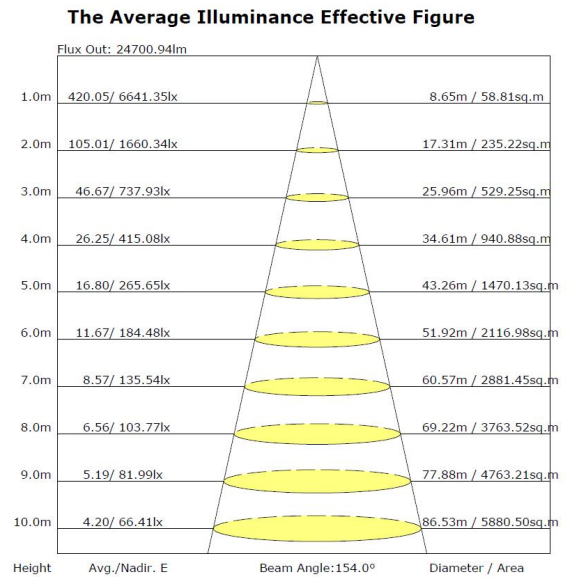
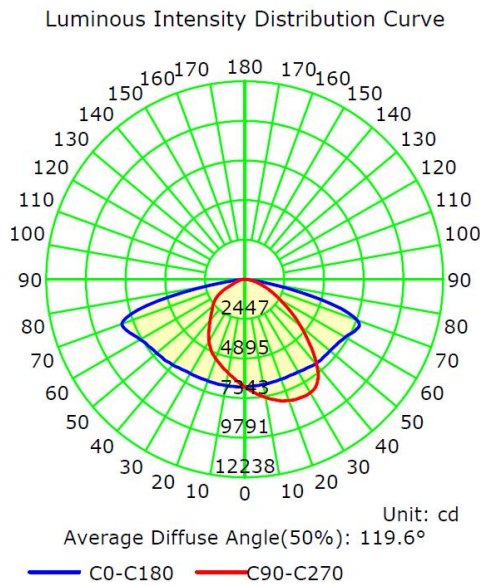
Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 0.722 A  
 Power Factor: 0.992

Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 277.0 V  
 Power: 198.44 W

### Photometric Results

IES Classification: Type III  
 Total Rated Lamp Lumens: 25610.1 lm  
 Efficiency: 100%  
 Upward Ratio: 0%  
 C0r0 Intensity: 6641.35 cd  
 Pos of Max. Intensity: H22.5 V69

Longitudinal Classification: Medium  
 Measurement Flux: 25610.1 lm  
 Downward Ratio: 100%  
 Luminaire Efficacy Rating (LER): 129.11  
 Max. Intensity: 9791.17 cd



### 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.
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