

# LED Flood Light



**AM**

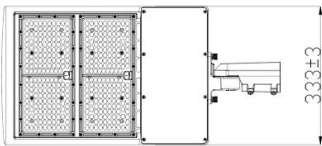
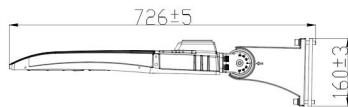
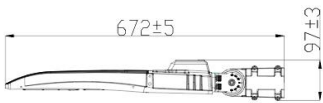


**DM**

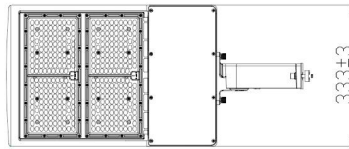


**YM**

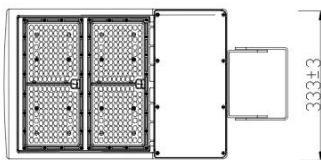
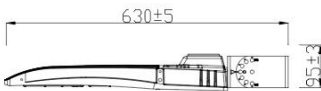
## DIMENSIONS



**AM**



**DM**



**YM**

P/N: FL2-300W-DHibdJ3-age

Note:

FL2 = Product series, LED Flood Light;

300W = Rating Power;

DH= 100-277V, 277-480V, 50/60hz

i=can be any letter for Surge protector provided or blank for none;

b=can be any letters for Photocontrol provided situation or blank for none;

d=can be any letters or blank for sensor type provided or not;

J=Lumileds LED;

3=TYPE III;

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

g=can be XXK to represent CCT, XXK can be

30K=3000K, 35K=3500K, 40K=4000K, 45K=4500K,

50K=5000K, 57K=5700K;

e=can be "AM", "DM", "YM", to represent mounting bracket types

## ADVANTAGE

- UL DLC-V5.1(Premium) certificate;
- Lumileds Chip, high CRI;
- Input voltage 100-277v, 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;

## APPLICATION

- Factory floor, libraries, square, park;
- Supermarkets, railway stations, exhibition hall;
- Convention and exhibition center, warehouse;
- Advertising lighting, etc;

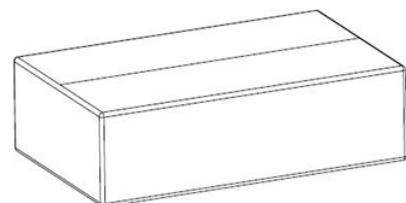
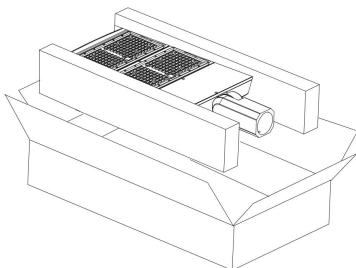
## SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$ )	300W
	Color Temperature	3000K    3500K    4000K    4500K    5000K    5700K
	Lumen (Tolerance : $-10\%$ )	37754LM    38519LM    39283LM    39921LM    40558LM    42342LM
	Efficacy (Tolerance : $-3\%$ )	127.3LM/    129LM/W    132LM/W    134LM/W    136LM/W    142.4LM/W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	BUG	B4-U0-G4
	Distribution Pattern	TYPE III
	Beam Angle (50%) (Tolerance : $\pm 15\%$ )	150*100 Degree
ELECTRICAL	Input Voltage and Frequency	100-277V, 277-480VAC, 50/60Hz
	PF (Tolerance : $-3\%$ )	$\geq 0.9$
	THD (Tolerance : $+5\%$ )	$\leq 20\%$
	Flicker Percent	<5%
	Driver Brand	Fahold
	Driver Model	FD-320V-56B
	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	380 PCS
	Housing	Die-cast aluminum
	Housing Color	Brown, Black, or Customized
	EPA	2.1 ft <sup>2</sup>
	Waterproof Rating	WET (IP65)
OTHERS	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

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	750*385*155 MM	1 PC	6.8Kg	8.0Kg
DM	750*385*155 MM	1 PC	7.62Kg	7.82Kg
YM	700*385*155 MM	1 PC	7.13Kg	8.28Kg

Tolerance of Carton Size:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .



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## LIGHT DISTRIBUTION TESTING PARAMETERS < Type III >

### Luminaire Property

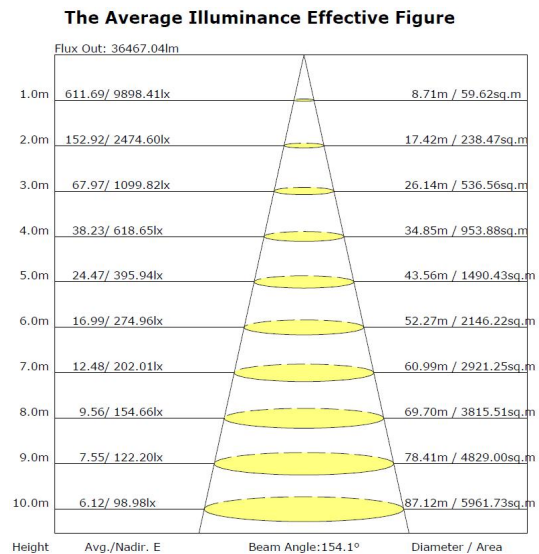
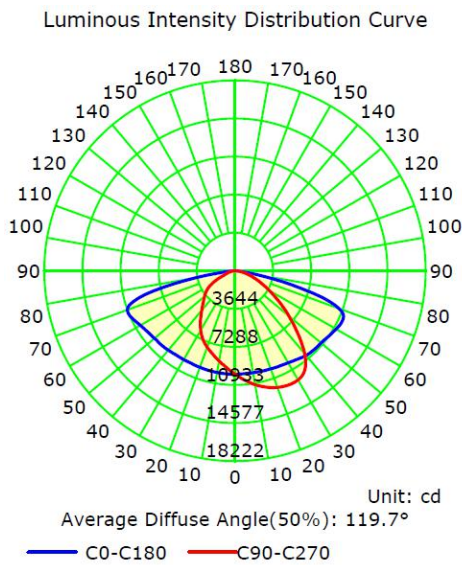
Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 1.075 A  
 Power Factor: 0.997

Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 277.0 V  
 Power: 296.54 W

### Photometric Results

IES Classification: Type III  
 Total Rated Lamp Lumens: 37754.5 lm  
 Efficiency: 100%  
 Upward Ratio: 0%  
 C0r0 Intensity: 9898.41 cd  
 Pos of Max. Intensity: H15 V68

Longitudinal Classification: Medium  
 Measurement Flux: 37754.5 lm  
 Downward Ratio: 100%  
 Luminaire Efficacy Rating (LER): 127.37  
 Max. Intensity: 14577.71 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.