



P/N: AST-FL06C-300WJH8A3-abcde

Note:

AST= Company name

FL06C = Product series, LED Flood Light

300W = Rating Power

“X” can be any alphabet for LED manufacturer Diffuser light angle type;

“Y” can be “H2” to “H8” for Diffuser type or “T2” to “T5”, or

“S1” to “S9” for different plastic Diffuser light angle type

employed

A3 = Version number

“a” can be any two letters for lamp colors;

“b” can be “3RP”, “3NP”, “5RP”, “5NP”, “7RP” or “7NP” or

blank for photocontrol provided or not;

“c” can be “10SP”, or blank for Surge protector provided or



**FM**



**YM**



**AM**

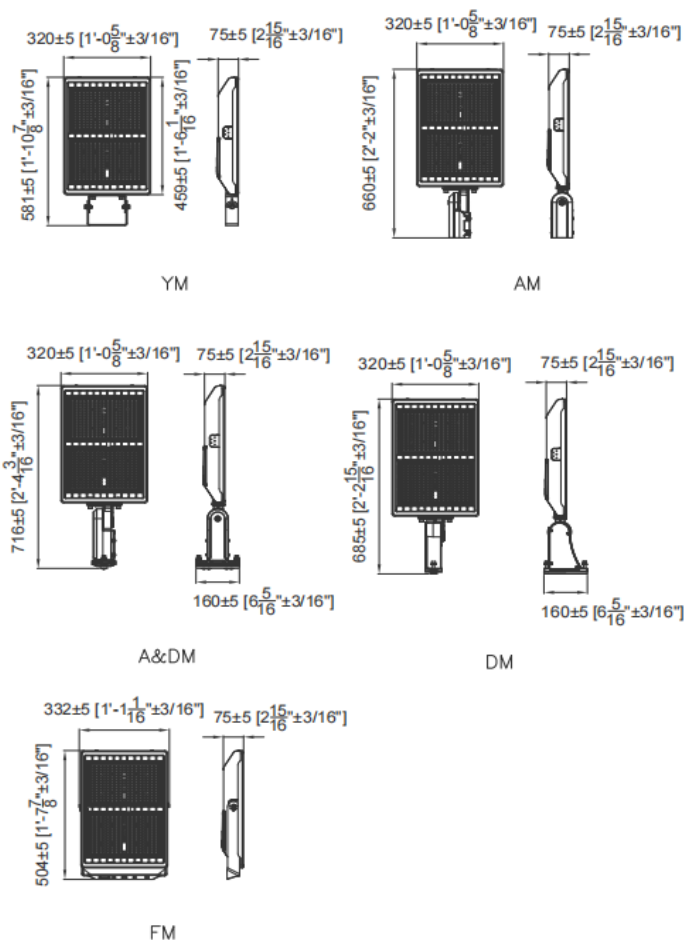


**DM**



**A&DM**

## DIMENSIONS



## ADVANTAGE

- UL cUL certificate.
- Bridgelux Chip, high CRI.
- IP65 driver, 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 ;

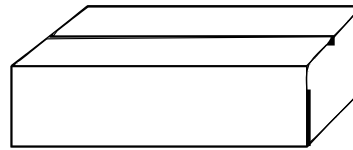
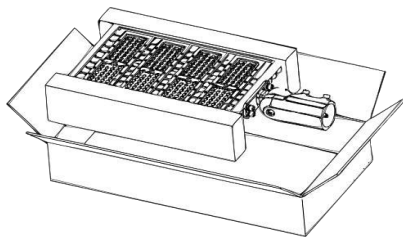
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power	300W
	Color Temperature	3000K,3500K,4000K,4500K,5000K,5700K
	Lumen (Tolerance : ±10%)	42000-46500LM
	Efficacy (Tolerance : ±3%)	140-155 LM/W
	CRI	>70
	Color Consistency	< 6 Steps (or < 6 SDCM)
	Cover	LENS
	Distribution Pattern	7H6V
<b>ELECTRICAL</b>	Input Voltage	120-277VAC 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Driver Brand	Fahold
	Driver Model	FD-300C-260B
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV
	Dimming	0-10V dimming standard
	Sensor Type	Exterior Photocell, Integral Sensor Receptacle
<b>MATERIALS</b>	Optional Accessory	Photocell/Surge protector
	LED Brand	Bridgelux
	LED Type	SMD3030
	LED QTY	444PCS
	Housing	Aluminum Alloy

	Housing Color	Any Colors
	Waterproof Rating	WET ( IP65 )
OTHERS	Operating Temperature	-40℃ TO 50℃
	Storage Temperature	-40℃ TO 80℃
	Operating Humidity	10%-90% RH
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

## PACKAGE

Stent Type	Lamp Net Weight	Size	Qty / Carton	Gross Weight / Carton
AM	10.7 KG	792x370x180 MM	1 PC	11.8 KG
DM	10.3 KG	792x370x180 MM	1 PC	11.5 KG
YM	10.1 KG	792x370x180 MM	1 PC	11.2 KG
FM	10.3 KG	687x382x165 MM	1 PC	11.3 KG
A & DM	10.8 KG	792x370x180 MM	1 PC	12.0 KG



LIGHT

DISTRIBU

TION TESTING PARAMETERS

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): 378

Luminous Height (mm):

Current: 2.557 A

Power Factor: 0.999

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): 279

Voltage: 120.0 V

Power: 306.49 W

## Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 45111.2 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 18500.81 cd

Pos of Max. Intensity: H180 V2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 128.4, 93.2, 104.3, 104.4

Longitudinal Classification: Very Short

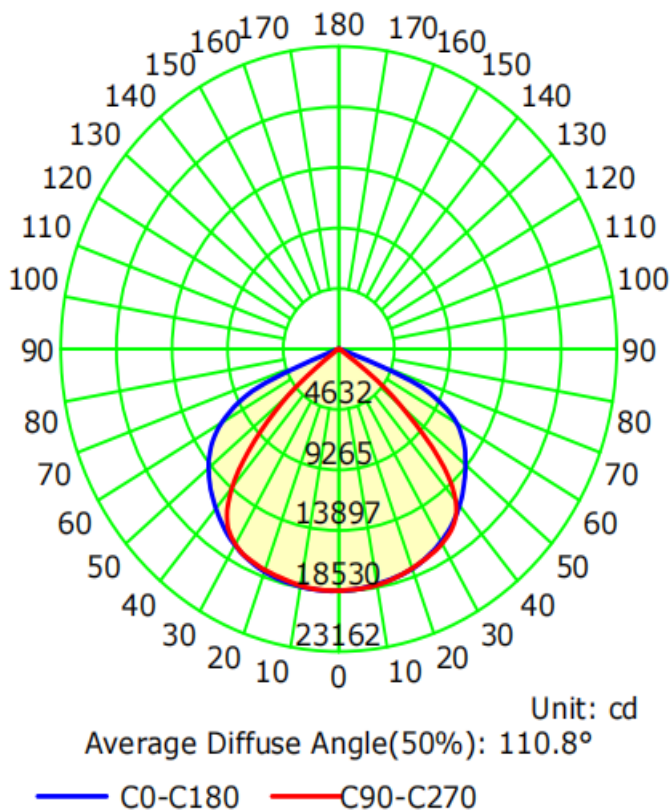
Measurement Flux: 45111.2 lm

Downward Ratio: 100%

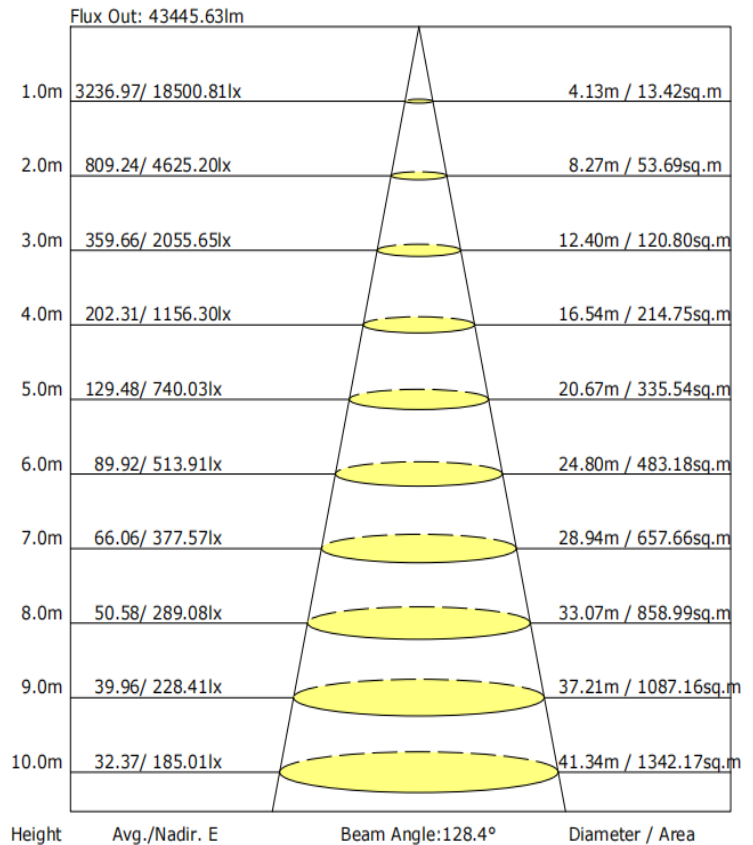
Luminaire Efficacy Rating (LER): 147.24

Max. Intensity: 18530.27 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.