



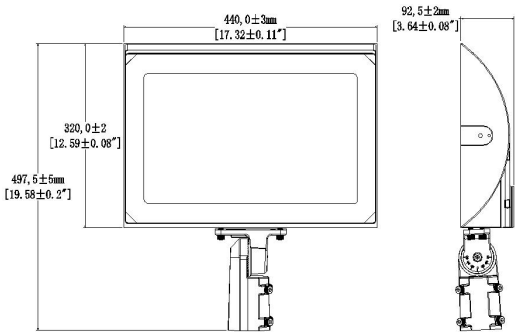
AM

YM

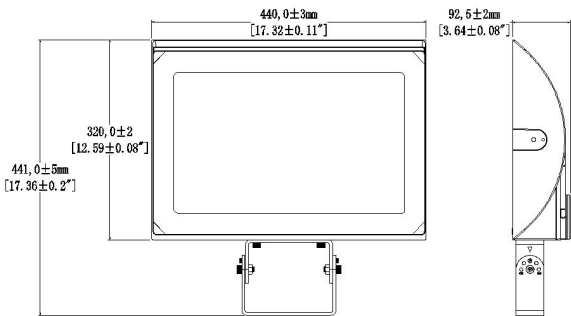
FM



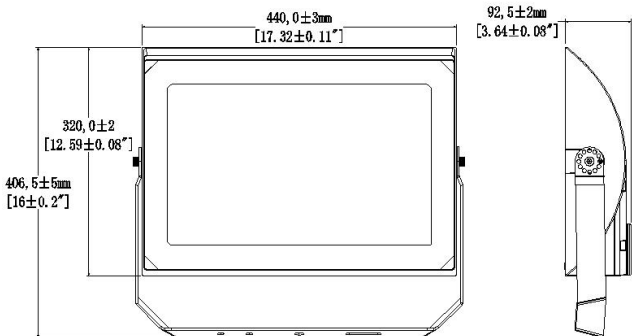
DIMENSIONS



AM



YM



FM

P/N: AST-FLD01-300WJH5A3-abcde

Note:

FLD01 = Product series, LED Flood Light

300W = Rating Power

J= LED manufacturer, Bridgelux2835

H5=Means the lens is 5H5V

A3 = Version number

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

“b” can be “AM” , “YM” or “FM” for Mounting

Means;

“c” can be any digits for CCT;

“d” can be “3RP”, “3NP”, “5RP”, “5NP”, “7RP”, “7NP” or blank for photocontrol type provided or not;

“e” can be “10SP” , “20SP” for surge-protective device provided or not.

ADVANTAGE

- UL cUL DLC-V5.1(Premium) certificate.
- Bridgelux Chip, high CRI.
- Input voltage 120-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

- Factory floor, libraries, square, park;
- Supermarkets, railway stations;
- Advertising lighting, etc.

SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	300W
	Color Temperature	3000K,3500K,4000K,4500K,5000K,5700K, 6500K
	Lumen (Tolerance : ±10%)	39900-41400LM
	Efficacy (Tolerance : ±3%)	133-139LM/W
	CRI	>80
	Color Consistency	<7 Steps (or <7 SDCM)
	Distribution Pattern	5H5V
	Beam Angle (10%) (Tolerance : ±15%)	95Degree
ELECTRICAL	Input Voltage and	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	<30%
	Driver Brand	SOSEN
	Driver Model	SS-320NH-E260BH
	Driver Surge protection	L/N-PE: 6kV, L-N:6kV
	Dimming	0-10V dimming standard
	Sensor Type	Exterior Photocell、Integral Sensor Receptacle
	Optional Accessory	Surge protector Photocontrol Shorting cap
MATERIALS	LED Brand	Supertechleds
	LED Type	SMD2835
	LED QTY	504PCS
	Housing	Die-cast aluminum
	Housing Color	Brown, Black, or Customized
	EPA	1.9 ft²
	Waterproof Rating	WET (IP65)
OTHERS	Operating Temperature	-30℃ TO 45℃;
	Storage Temperature	-40℃ TO 80℃
	Operating Humidity	20% - 90% RH
	Storage Humidity	20% - 95% RH
	Warranty	5years

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM	565*485*160mm [22.24*19.09*6.3 inch]	1PCS	7KG [15.4 LBS]	8.1 KG [17.8 LBS]
YM	500*485*160mm [19.68*19.09*6.3 inch]	1PCS	6.9KG [15.2 LBS]	8KG [17.6LBS]
FM	550*485*160mm [21.65*19.09*6.3 inch]	1PCS	6.5KG [14.3 LBS]	7.5KG [16.5LBS]

Tolerance of Carton Size: ±15 MM[±0.59 inch], Tolerance of Weight: ±10%.

LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 2.572 A

Power Factor: 0.994

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 306.82 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 40897.8 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 28851.59 cd

Pos of Max. Intensity: H0 V17

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 65.3, 66.9, 65.9, 66.2

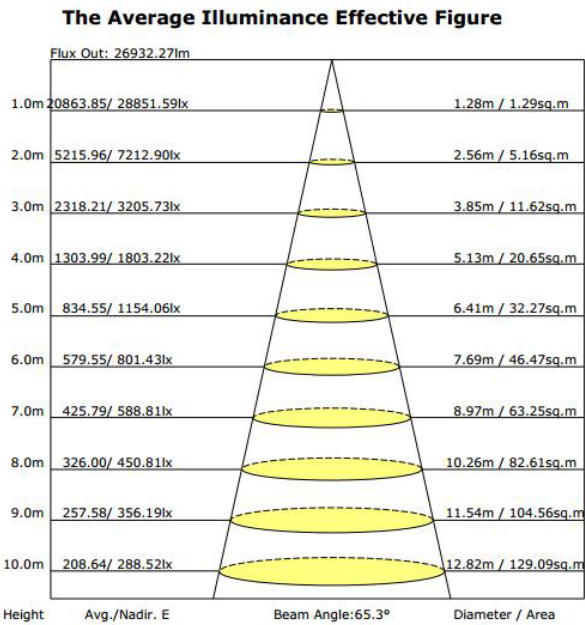
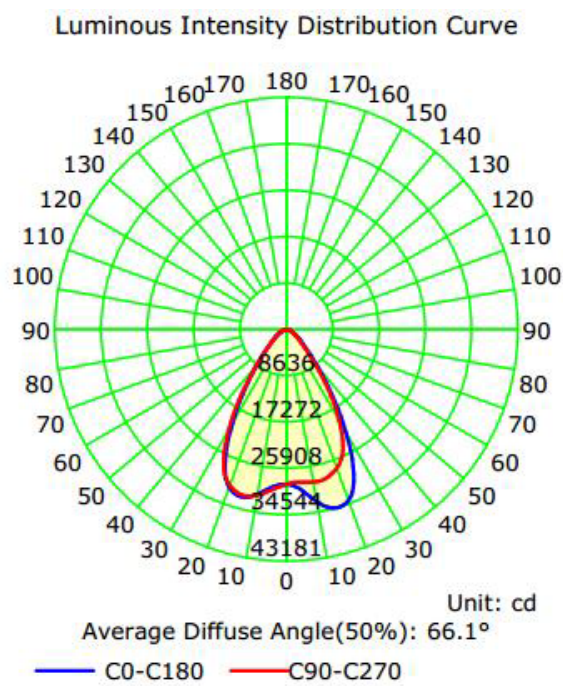
Longitudinal Classification: Very Short

Measurement Flux: 40897.8 lm

Downward Ratio: 100%

Luminaire Efficacy Rating (LER): 133.35

Max. Intensity: 34544.91 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.