


FM

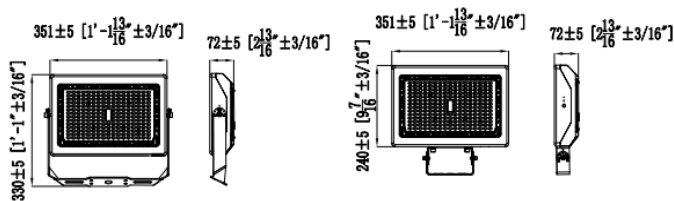
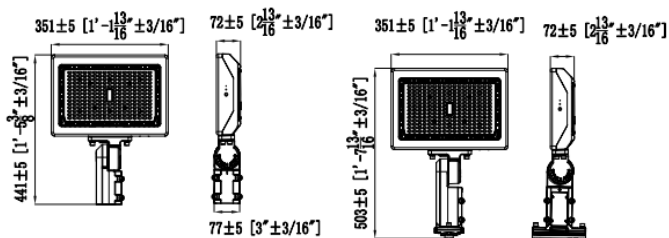
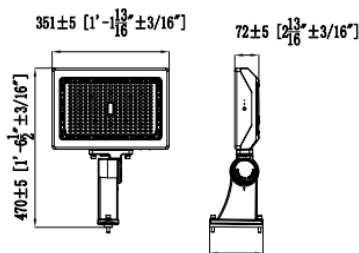
YM

AM

DM

A&DM

DIMENSIONS


FM
YM

AM
A&DM

DM

P/N: AST-FL06C-150WXYA3-abcde

Note:

AST= Company name

FL06C = Product series, LED Flood Light

150W = 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;

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

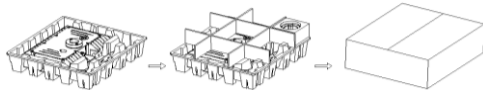
OPTICAL	Input Power	150W
	Color Temperature	3000K,3500K,4000K,4500K,5000K,5700K
	Lumen (Tolerance :±10%)	19500-21000LM
	Efficacy (Tolerance : ±3%)	130-140 LM/W
	CRI	>70
	Color Consistency	< 6 Steps (or < 6 SDCM)
	Cover	LENS
	Distribution Pattern	7H6V
ELECTRICAL	Input Voltage	120-277VAC 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Driver Brand	WeledPower
	Driver Model	WP-CNB-150U-1A5SCPO7-ZA
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV
	Dimming	0-10V dimming standard
	Sensor Type	Exterior Photocell, Integral Sensor Receptacle
	Optional Accessory	Photocell/Surge protector
MATERIALS	LED Brand	Bridgelux
	LED Type	SMD3030
	LED QTY	153PCS
	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

		FM	YM	FM	YM	AM	DM	A&DM
Lamps Net Weight		6.4kg	6.2kg	6.8kg	6.6kg	7.1kg	7.5kg	8.0kg
Inner box	size	425*100*395mm		/		/		
	Qty/ Carton	1 PCS						
	Weight/Carton	7.5kg	7.3kg					
Outer box	size	440*410*200 mm		433*403*190 mm		520*400*160mm		
	Qty/ Carton	2 PCS		1 PCS (with Photocell)		1PCS		
	Weight/Carton	15.8kg	15.4kg	8.4kg	8.2kg	8.6kg	9.0kg	9.5kg

No Photocell

With Photocell



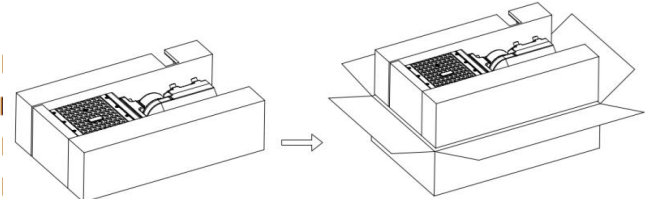
LIGHT DISTRIBUTION FM / YMTING PARAMETERS

AM / DM / A&DM

Luminaire Property

Luminaire
Luminaire
Lamp Catalog:
Number of Lamps:
Luminous Length (mm): 295
Luminous Height (mm):
Current: 1.261 A
Power Factor: 0.995

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Lu
Lu
Voltage: 120.0 V
Power: 150.59 W

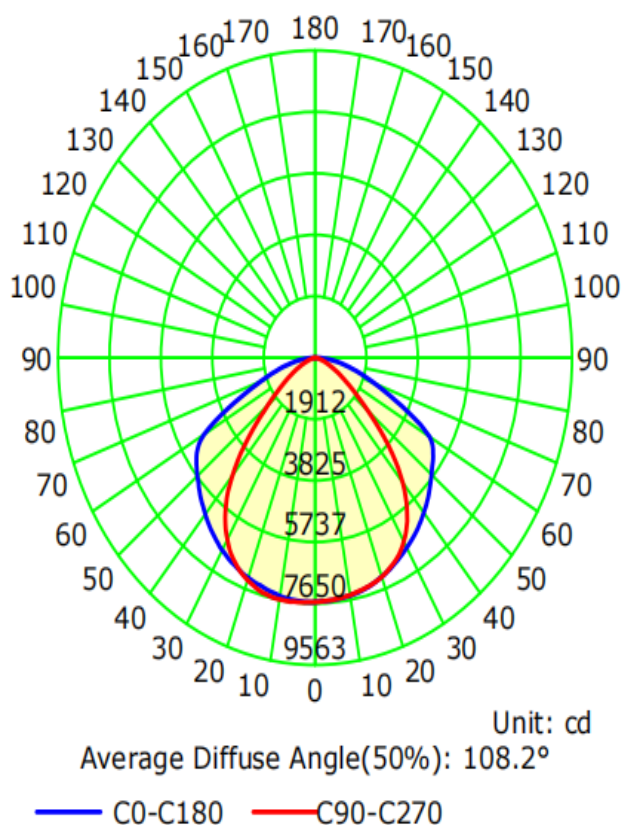


Photometric Results

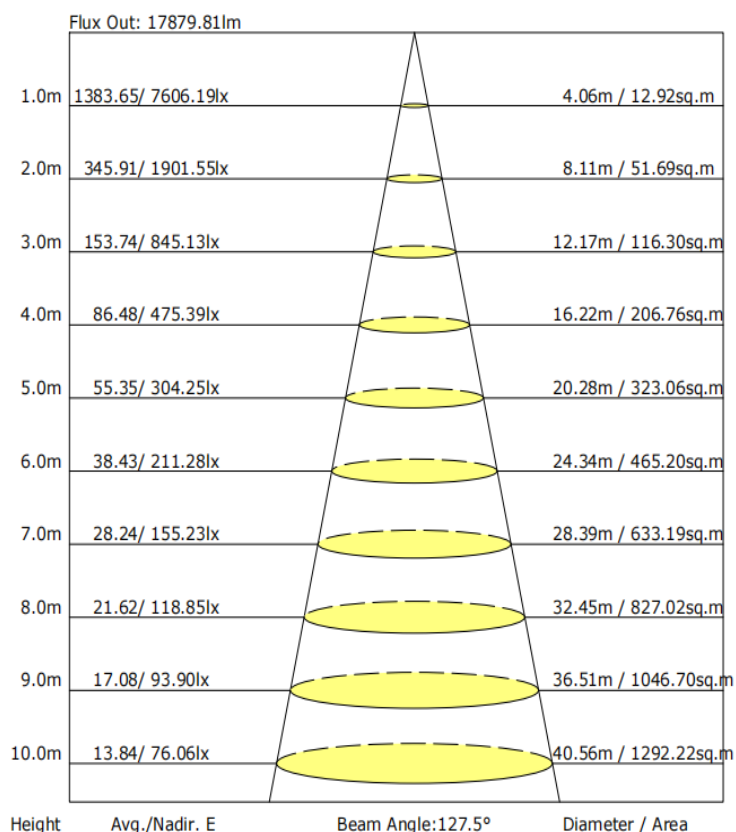
IES Classification: Type II
Total Rated Lamp Lumens: 19818.6 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 7606.19 cd
Pos of Max. Intensity: H270 V7
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 127.5, 88.9, 104.3, 105.1

Longitudinal Classification: Very Short
Measurement Flux: 19818.6 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 131.66
Max. Intensity: 7650.65 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.