



P/N: AST-FL09-300WBT1B1-abcd

Note:



FL09 = Product series, LED Flood Light

300W = Rating Power

B = LED manufacturer, for Lumileds 3030

T1 = Diffuser light angle type, for 90°

B1 = Version number

“a” can be any two letters to represent lamp colors; Such as: BH=Black

“b” can be “S” or blank for Surge-Protective Device provided or not;

“c” can be “M” or blank for Motion Sensor provided or not;

“d” can be any two digits to represent CCT.

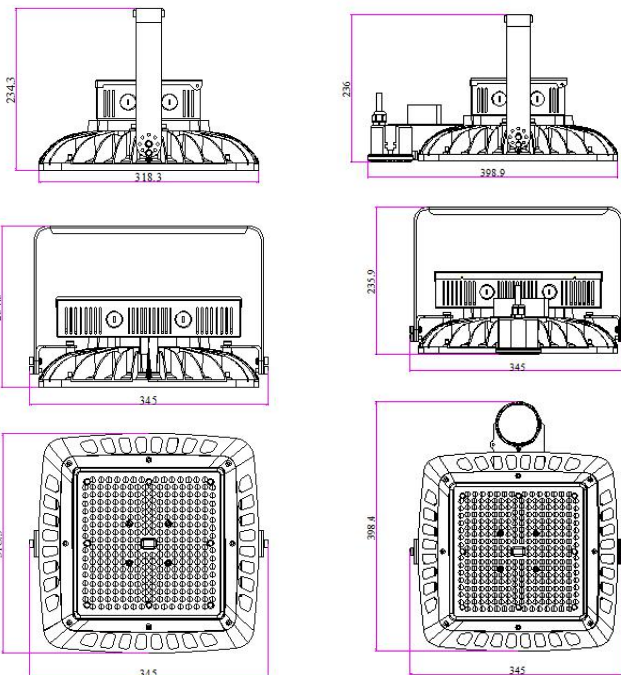
## ADVANTAGE

- UL cUL DLC certificate.
- IP65 driver, input voltage 100-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.

## 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;
- Meeting room, exhibition hall;
- Gymnasium and supermarkets, etc. plaza,
- Warehouse, factory and workshops;
- Highway toll station;
- Meeting room, exhibition hall;
- Gymnasium and supermarkets, etc.

## DIMENSIONS

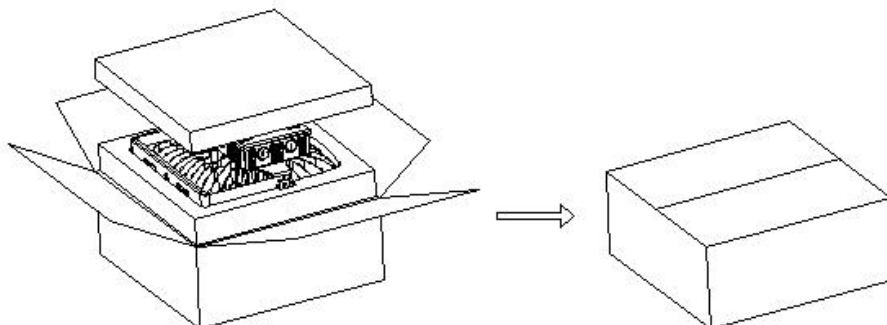


## SPECIFICATIONS

<b>OPTICAL</b>	Input Power	300W
	Cover	LENS
	Lumen	36000-39000LM
	Viewing Angle	90°
	Color Temperature	4000K, 4500K, 5000K, 5700K
	CRI	>70
<b>ELECTRICAL</b>	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	Mean Well HLG-320H-48AB
	Optional Accessory	Motion Sensor\ Surge protector
<b>MATERIALS</b>	LED Type	SMD3030 (1W)
	LED Brand	Lumileds 3030
	LED QTY	308 PCS
	Housing	Aluminum Alloy
	Housing Color	Any Colors
	Waterproof Rating	WET (IP65) /DAMP (for sensor IP64)
<b>OTHERS</b>	Operating Temperature	-40℃ TO 50℃
	Operating Humidity	10%-90% RH
	Storage Temperature	-40℃ TO 80℃
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

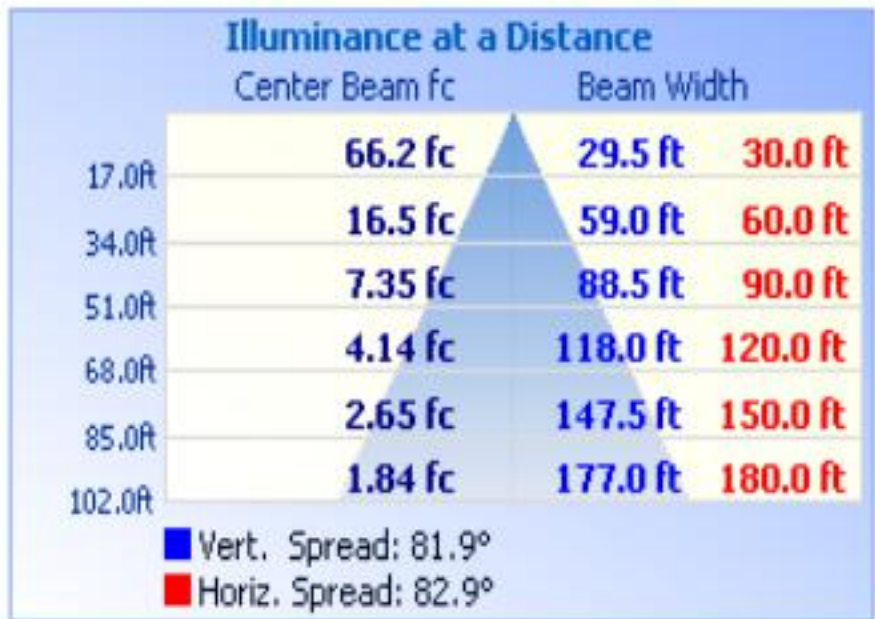
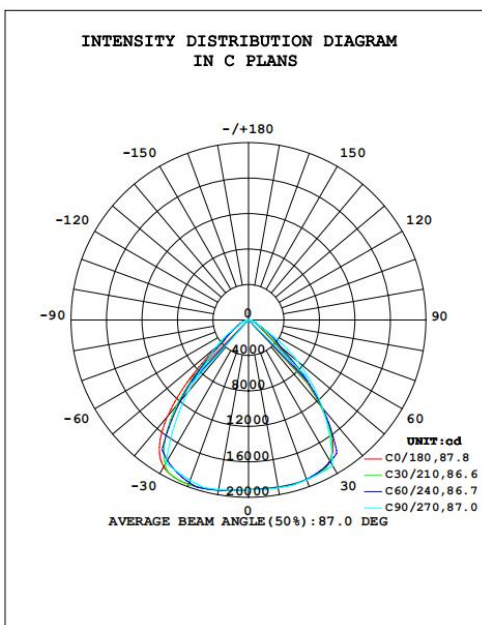
## PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	425*405*190mm	1 PC	6.9KG	7.7KG



## LIGHT DISTRIBUTION TESTING PARAMETERS

DATA OF LAMP		PHOTOMETRIC DATA <span style="float: right;">Eff: 126.72 lm/W</span>			
MODEL		I <sub>max</sub> (cd)	19785	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	51.9
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	36885	η house_up (%)	0.0
NOMINAL FLUX (lm)	36884.9	MAXIMUM @ (C, γ )	225,20.5	η house_down (%)	48.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	20.326



## 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.