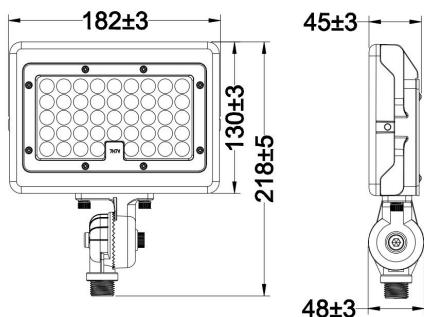
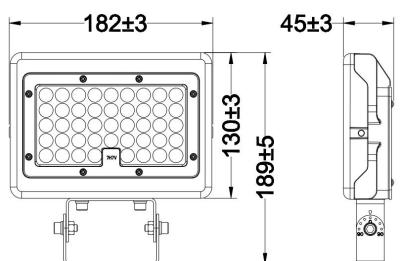
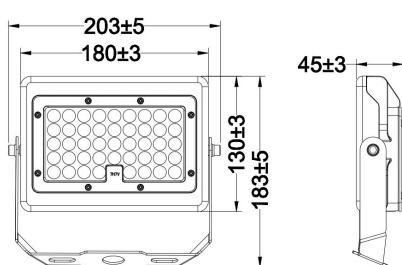


## ITEM#1704



### DIMENSIONS


**AM**

**YM**

**FM**

LED KING LIGHTING DISTRIBUTION  
 E-mail: sales@ledkingtx.com  
 www.ledkingtx.com

P/N: AST-FL06E-50WBH8SA1-abcd

Note:

FL06E = Product series, LED Flood Light

50W = Rating Power

B= LED manufacturer,LUMINLEDS 2835

H8=The lens is PC, and the luminous angle is 7H7V

S=Color Non-tunable,

A1 = Version number

“a” can be any two letters for lamp colors; “BH = Black, WH=White, BR=Bronze or Customized”;

“b” can be “YM”, “FM”, “AM”, for bracket type;

“c” can be “10SP”, “20SP” or blank

for Surge-protective

Device type provided or not;

### ADVANTAGE

- UL cUL certificate.
- Lumileds Chip, high CRI.
- 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

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

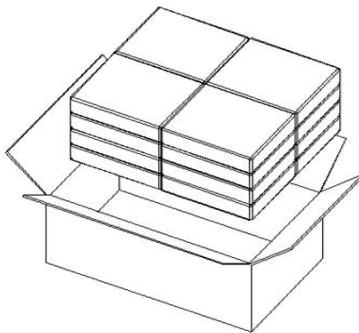
### SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	50W						
	Color Temperature	3000K	3500K	4000K	4500K	5000K	5700K	6500K
	Lumen(Tolerance: $\pm 10\%$ )	6100LM	6150LM	6250LM	6300LM	6350LM	6400LM	6450LM
	Efficacy(Tolerance : $\pm 3\%$ )	122 LM/W	123LM/W	125 LM/W	126LM/W	127LM/W	128LM/W	129LM/W
	CRI	>80						
	Color Consistency	< 7 Steps (or < 7 SDCM)						
	Distribution Pattern	7H7V						
	Field Angle (10%) (Tolerance : $\pm 15\%$ )	150 Degree						
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz						
	PF (Tolerance : -3%)	$\geq 0.9$						
	THD (Tolerance : +5%)	$\leq 20\%$						
	Flicker Percent	< 30%						
	Driver Brand	HBE						
	Driver Model	HB-FL19F050						
	Driver Surge protection	L/N-PE: 2.5kV, L-N: 2.5kV						
	Dimming	0-10V dimming standard						
	Sensor Type	No Sensor						
	Optional Accessory	Surge-protective Device						
<b>MATERIALS</b>	LED Brand	Lumileds						
	LED Type	SMD2835						
	LED QTY	80 PCS						
	Housing	Die-cast aluminum						
	Housing Color	Brown, Black, or Customized						
	EPA	0.42 ft <sup>2</sup>						
	Waterproof Rating	WET (IP65)						
<b>OTHERS</b>	Operating Temperature	-30°C TO 45°C;						
	Storage Temperature	-40°C TO 80°C						
	Operating Humidity	20% - 90% RH						
	Storage Humidity	20% - 95% RH						
	Warranty	5 years						

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM, YM, FM	Outer box:487*300*310mm	8 PCS	8.8Kg	11.3Kg
	Inner box:235*70*290mm	1 PC	1.1Kg	1.3Kg

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

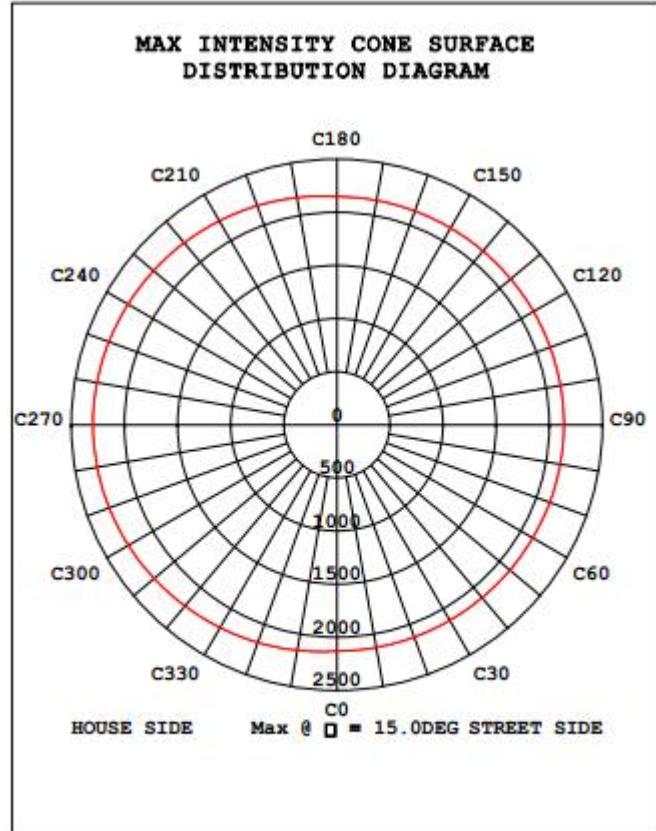
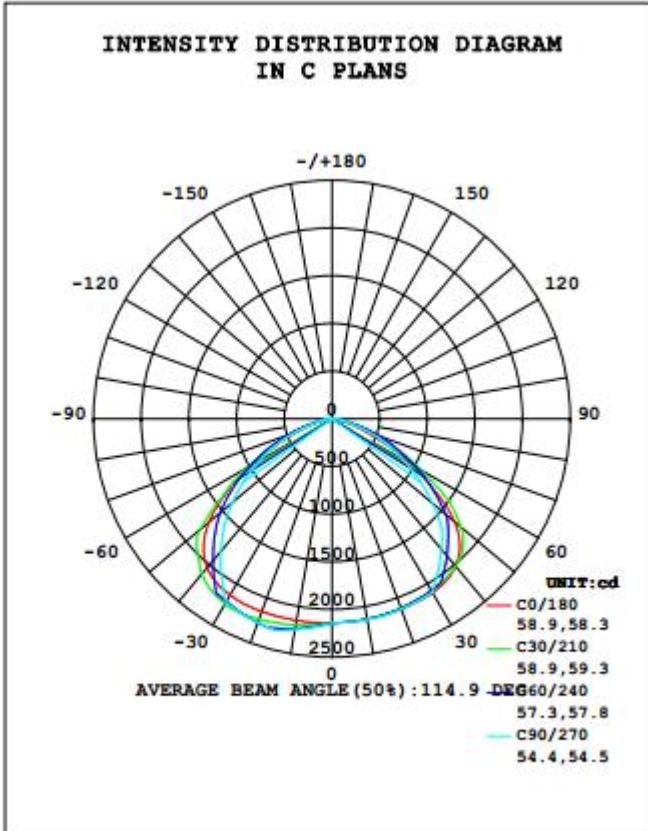


## LIGHT DISTRIBUTION TESTING PARAMETERS

## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.39V I:0.4240A P:49.931W PF:0.9864 Freq:60.01Hz Lamp Flux:6711.27x1 lm		
NAME:	TYPE: LED	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: 1#
MFR.: AMERICANLITE	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA			Eff: 134.41 lm/W
MODEL		I <sub>max</sub> (cd)	2298	<input type="checkbox"/> street_up(%)	0.0
NOMINAL POWER(W)	50	LOR(%)	100.0	<input type="checkbox"/> street_down(%)	49.5
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6711	<input type="checkbox"/> house_up(%)	0.0
NOMINAL FLUX(lm)	6711.27	MAXIMUM @ (C, <input type="checkbox"/> )	270,15.0	<input type="checkbox"/> house_down(%)	50.5
LAMPS INSIDE	1	<input type="checkbox"/> up(%)	0.0	76 FLASHAREA(m <sup>2</sup> )	
TEST VOLTAGE(V)	120	<input type="checkbox"/> down(%)	100.0	SLI	



- 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.