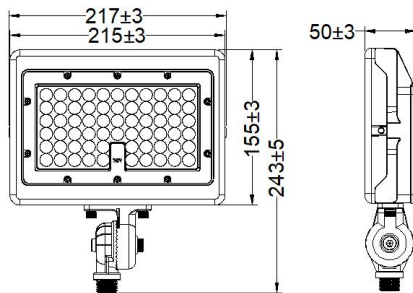
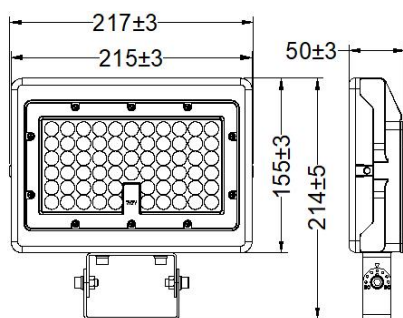
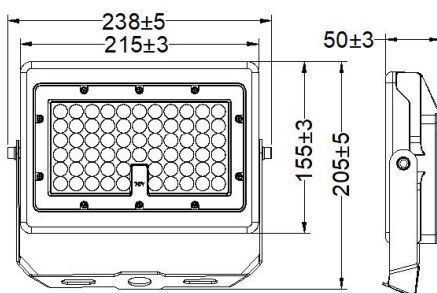


## ITEM#2540

LED KING LIGHTING DISTRIBUTION

E-mail: sales@ledkingtx.com

www.ledkingtx.com

**DIMENSIONS****AM****YM****FM**

P/N: AST-FL06E-80WBH8DA1-abcdW

Note:

FL06E = Product series, LED Flood Light

80W = Rating Power

B= LED manufacturer, LUMINLEDs 2835

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

D=Color 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;

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

“W” power adjustable;

**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.

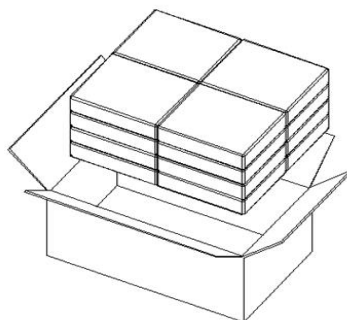
## SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$ )	80W		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen(Tolerance: $\pm 10\%$ )	10320LM	11600LM	10880LM
	Efficacy(Tolerance : $\pm 3\%$ )	129LM/W	145 LM/W	136LM/W
	CRI	>80		
	Color Consistency	< 7 Steps (or < 7 SDCM)		
	Distribution Pattern	7H7V		
	Field Angle(10%)(Tolerance : $\pm 15\%$ )	150 Degree		
ELECTRICAL	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-FL19F080		
	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		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	128 PCS*2		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, or Customized		
	EPA	0.56 ft <sup>2</sup>		
	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	5 years		

## PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
AM、YM、FM	Outer box:471*325*295mm	6 PCS	9Kg	11.5Kg
	Inner box:275*75*310mm	1 PC	1.5Kg	1.8Kg

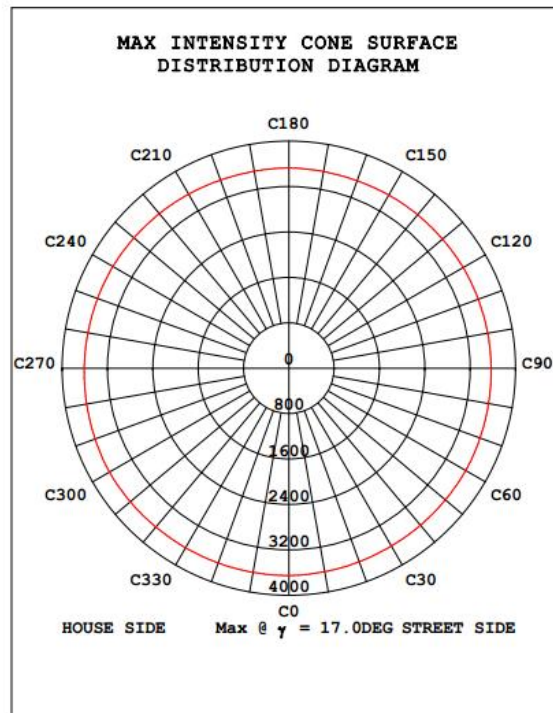
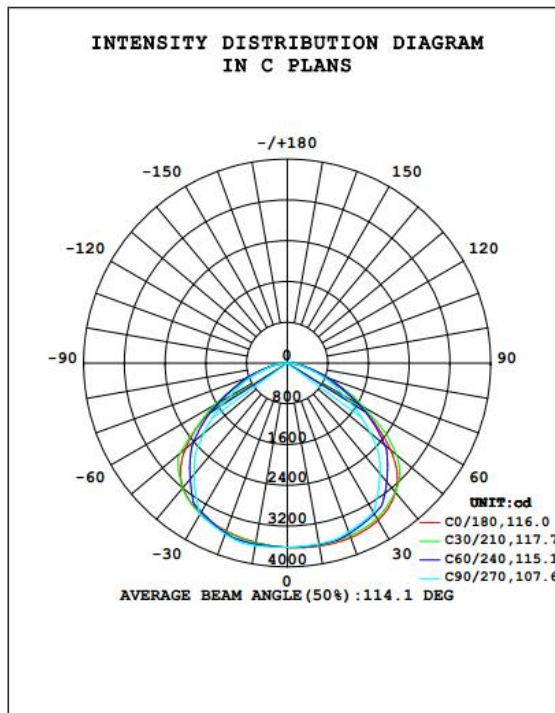
Tolerance of Carton Size:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .



**LIGHT DISTRIBUTION TESTING PARAMETERS****STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:121.42V I:0.6571A P:78.668W PF:0.9861 Freq:60.00Hz Lamp Flux:10860.9x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.06 lm/W			
MODEL		I <sub>max</sub> (cd)	3658	η street_up (%)	0.0
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	49.8
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	10861	η house_up (%)	0.0
NOMINAL FLUX (lm)	10860.9	MAXIMUM @ (C, γ )	300,17.0	η house_down (%)	50.2
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	21.619

**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.