

## ITEM#2857

LED KING LIGHTING DISTRIBUTION  
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 www.ledkingtx.com

**P/N:AST-FWP06M-60WBT2DA1-abcWe**

Note:

AST=Company Name;

FWP06=Product series, LED cut off Wall Pack;

M=Product size, medium;

60W=Rating Power;

B=LED manufacturer, Lumileds;

T2=Type II Distribution;

D=LED module type, Color tunable;

A=Input voltage, 120-277VAC;

1=Version number;

“a” can be any two letters to represent lamp colors;

“b” can be “M”, “R” or blank for sensor function provided or not;

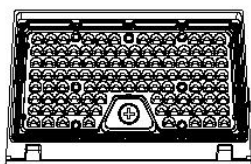
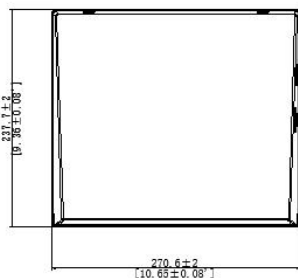
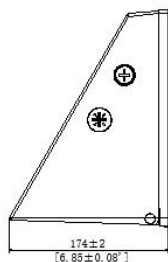
“c” can be “S” or blank for Surge-Protective Device provided or not;

“W” for wattage adjustable;

“e” can be any digits for CCT;



### DIMENSIONS



### ADVANTAGE

- UL, cUL, DLC5.1 premium, certificate
- Lumileds 2835, 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.
- Wattage adjustable.
- 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

- Entrance lighting, courtyard lighting;
- Industrial lighting, Outdoor landscape lighting;
- Building, The hotel;
- Wall lighting area and so on.

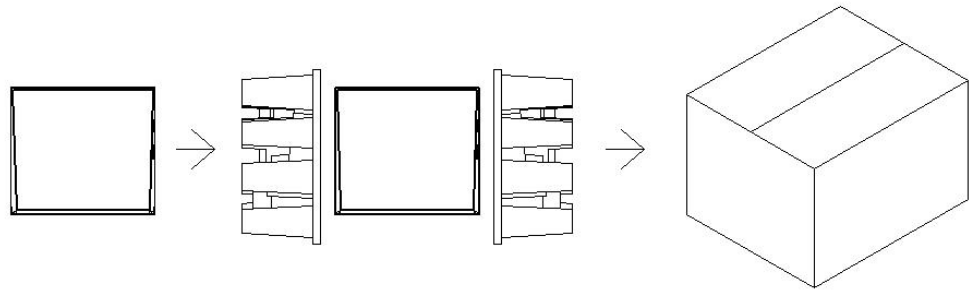
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	60W (wattage adjustable 25%-100%)		
	Color Temperature(Color tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	8548LM	8710LM	8616LM
	Efficacy (Tolerance : ±3%)	142LM/W	150LM/W	144LM/W
	CRI	>80		
	Color Consistency	<7 Steps (or <7 SDCM)		
	BUG	B3-U0-G1		
	Distribution Pattern	Type II		
	Beam Angle (50%) (Tolerance : ±15%)	H122*85 Degree		
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<30%		
	Driver Brand	Asmart		
	Driver Model	HB-FL19F060B12		
	Driver Surge protection	L-N: 6kV , L&N-E:6kV		
	Dimming	0-10V dimming standard		
	Sensor Type	photocell		
	Accessory	With 8W emergency		
	<b>MATERIALS</b>	LED Brand	LUMILEDS	
LED Type		SMD 2835		
LED QTY		104*2 PCS;		
Housing		Die-cast aluminum		
Housing Color		All Color		
Waterproof Rating		WET (IP65)		
<b>OTHERS</b>	Operating Temperature	-40°C TO 50°C; Sensor:-25°C TO 50°C; emergency:0°C TO 50°C		
	Storage Temperature	-40°C TO 80°C		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
	Warranty	5 years warranty		

## PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	337*321*215mm (13.3"*12.6"*8.5")	1 PCS	3.4KG (7.5lb)	4.5KG (9.9lb)

Tolerance of Carton Size: ±15 MM ( ±0.6"), Tolerance of Weight: ±10%.



**LIGHT DISTRIBUTION TESTING PARAMETERS**

**Luminaire Property**

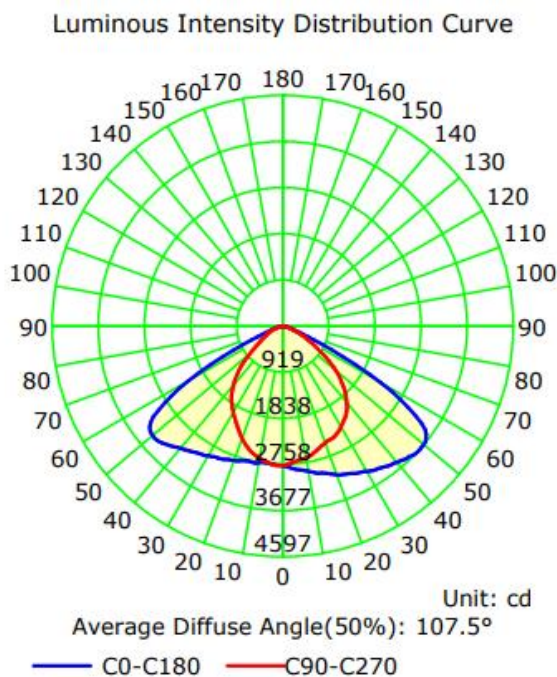
Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.505 A  
Power Factor: 0.992

Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 120.0 V  
Power: 60.08 W

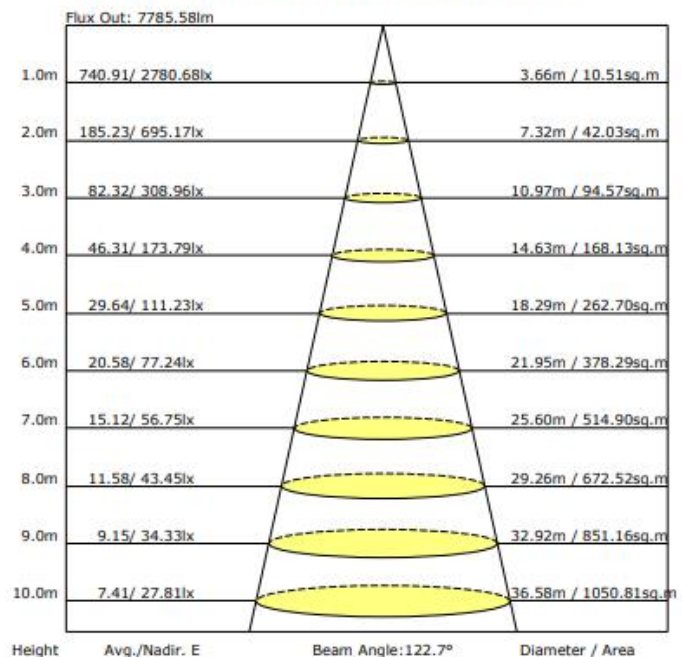
**Photometric Results**

IES Classification: Type II  
Total Rated Lamp Lumens: 8548.2 lm  
Efficiency: 100%  
Upward Ratio: 0%  
C0r0 Intensity: 2780.68 cd  
Pos of Max. Intensity: H0 V48  
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 122.7, 92.3, 116.1, 118.0

Longitudinal Classification: Short  
Measurement Flux: 8548.2 lm  
Downward Ratio: 100%  
Luminaire Efficacy Rating (LER): 142.33  
Max. Intensity: 3677.66 cd



**The Average Illuminance Effective Figure**

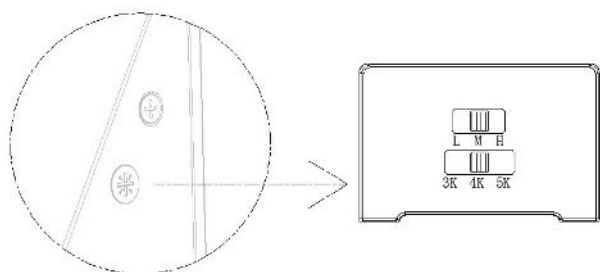


- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lights.

## 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.

## SPECIAL FUNCTIONS INSTRUCTION:



### Color temperature adjustable instruction

- 1, The color temperature of the light turns to 3000K when the DIP switch is set to 3K;
- 2, The color temperature of the light turns to 4000K when the DIP switch is set to 4K;
- 3, The color temperature of the light turns to 5000K when the DIP switch is set to 5K;

**Note: Please turn off the power before adjusting the color temperature.**

### Wattage adjustable instruction

The power of the light will change to the corresponding wattage when the DIP switch is set to L/ M/ H.

Adjustable wattage range: 25%-100%.

**Note: Please turn off the power before adjusting the wattage.**



Fig:1

Fig:2

### Photocell:

Connection of male and female connector will help to turn on the photocell.(Fig:1)

Disconnection of male and female connector will help to turn off the photocell.(Fig:2)