

ITEM#2856

LED KING LIGHTING DISTRIBUTION
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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;

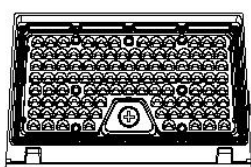
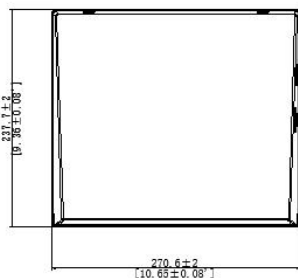
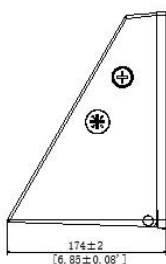
“c” can be “S” or blank for Surge-Protective Device provided or not;

“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.

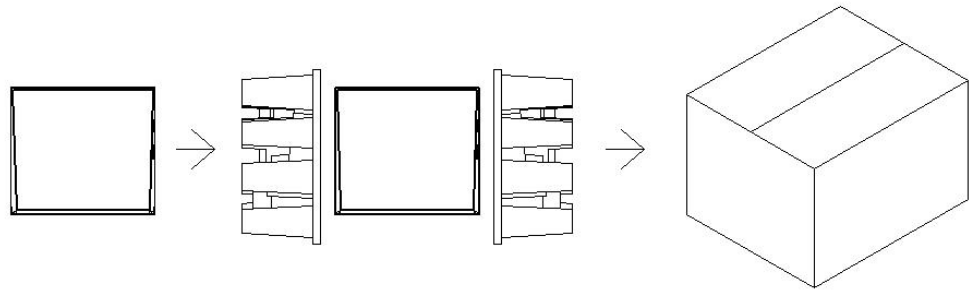
SPECIFICATIONS

OPTICAL	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		
ELECTRICAL	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	Occupancy Sensor, photocell		
	Optional Accessory	Surge-protective Device, Motion Sensor, PIR Sensor,emergency		
MATERIALS	LED Brand	LUMILEDS		
	LED Type	SMD 2835		
	LED QTY	104*2 PCS;		
	Housing	Die-cast aluminum		
	Housing Color	All Color		
	Waterproof Rating	WET (IP65)		
OTHERS	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

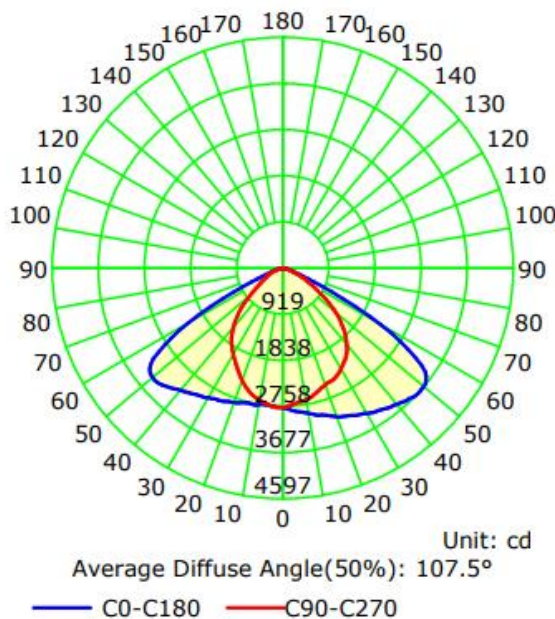
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 60.08 W

Photometric Results

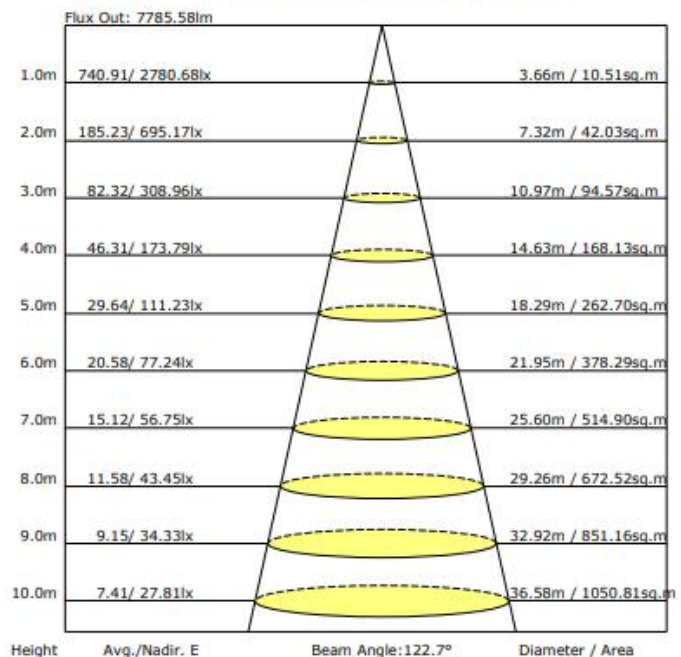
IES Classification: Type II
Total Rated Lamp Lumens: 8548.2 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 2780.68 cd
Pos of Max. Intensity: H0 V48
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 122.7, 92.3, 116.1, 118.0

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

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



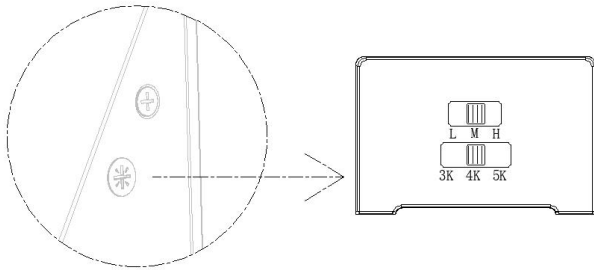
NOTICE FOR USER

- 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 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)