

ITEM#2546

LED KING LIGHTING DISTRIBUTION
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P/N:AST-FL17-25WBH5DA1-a30/40/50

Note:

FL17= Product series, LED Flood Light
25W= Rating Power

B= LED manufacturer, Lumileds 2835

H5= Diffuser light angle type, 5H5V

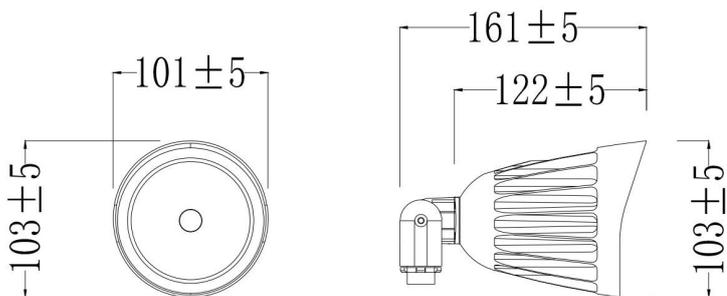
D=Color Tunable

A1= Version number

"a" can be any two letters to represent lamp colors, can be BR=Brown, BH=Black, or Customized;
30/40/50=3000K/4000K/5000K



DIMENSIONS



ADVANTAGE

- UL cUL DLC certificate.
- IP65 driver, input voltage 120-277VAC
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

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,

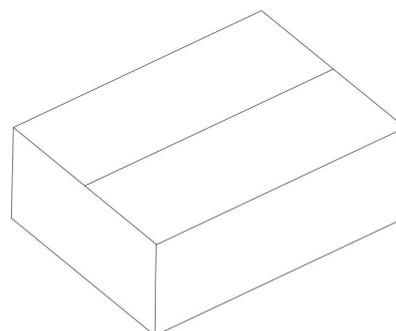
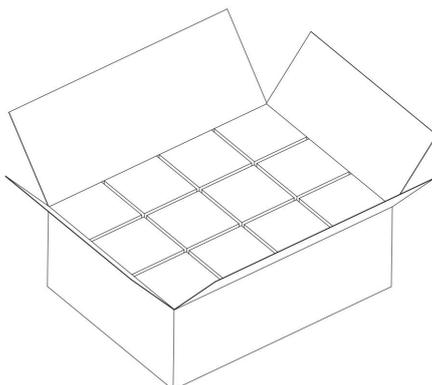
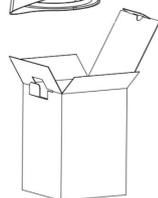
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	25W		
	Color Temperature (Color Tunable)	3000K	4000K	5000K
	Lumen (Tolerance : ±10%)	3125 LM	3500 LM	3375 LM
	Efficacy (Tolerance : ±3%)	125LM/W	140LM/W	135 LM/W
	CRI	>80		
	Color Consistency	< 7 Steps (or < 7 SDCM)		
	BUG	B2-U2-G0		
	Distribution Pattern	5H5V		
	Beam Angle (50%) (Tolerance : ±15%)	42 °		
	Beam Angle (10%) (Tolerance : ±15%)	85 °		
ELECTRICAL	Input Voltage and Frequency	120-277VAC,50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	< 60%		
	Driver Brand	HBE		
	Driver Model	HB-FL17F025		
	Driver Surge protection	L/N-PE: 4kV, L-N: 4kV		
	Dimming	0-10V dimming standard		
	Optional Accessory	NA		
MATERIALS	LED Brand	Lumileds		
	LED Type	2835		
	LED QTY	84 PCS		
	Housing	Die-cast aluminum		
	Housing Color	Brown, Black, or Customized		
	EPA	0.2ft²		
	Waterproof Rating	WET (IP65)		
OTHERS	Operating Temperature	-40°C TO 45°C		
	Storage Temperature	-40°C TO 80°C		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
	Warranty	5 years.		

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / PCS	Gross Weight / Carton
AM	439*333*187mm	12PCS	0.39KG	5.8KG

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.



LIGHT DISTRIBUTION TESTING PARAMETERS

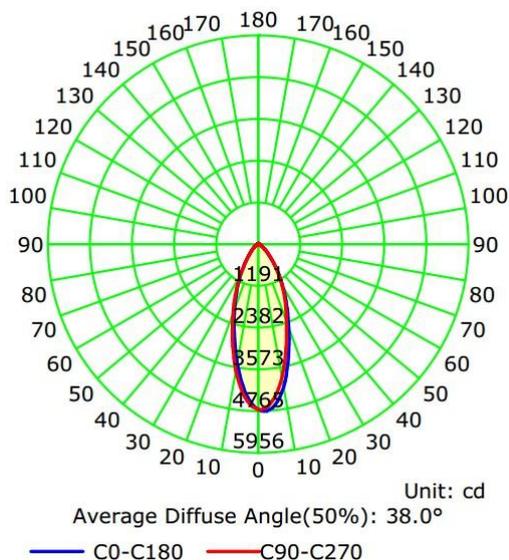
Luminaire Property

Luminaire Manufacturer:	Luminaire Description:
Luminaire Category:	Lamp Description:
Lamp Catalog:	Lumens per Lamp:
Number of Lamps:	Luminous Width (mm):
Luminous Length (mm):	Voltage: 120.0 V
Luminous Height (mm):	Power: 24.06 W
Current: 0.202 A	
Power Factor: 0.993	

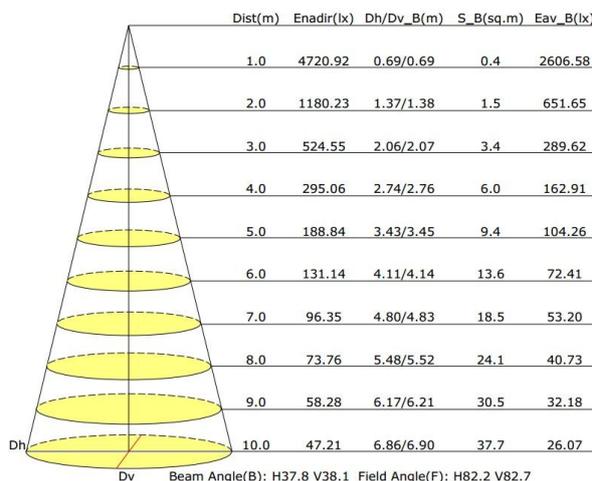
Photometric Results

IES Classification: Type I	Longitudinal Classification: Very Short
Total Rated Lamp Lumens: 3063.3 lm	Measurement Flux: 3063.3 lm
Efficiency: 100%	Downward Ratio: 98%
Upward Ratio: 2%	Luminaire Efficacy Rating (LER): 127.37
C0r0 Intensity: 4720.92 cd	Max. Intensity: 4765.04 cd
Pos of Max. Intensity: H0 V3	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 37.8, 38.1, 38.1, 37.9	

Luminous Intensity Distribution Curve



Illuminance at a Distance



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.