

ITEM#1744

LED KING LIGHTING DISTRIBUTION

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P/N: AST-LA01-35W4FTBTB1A1-abcd

Note:

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

WH=White, or Customized;

“b” can be “R” or blank for PIR Sensor provided or not;

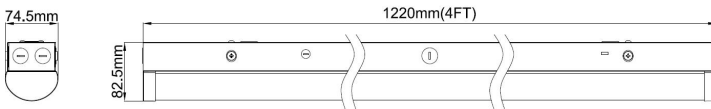
“c” can be “E” represents back-up power supply or blank for not;

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

35=3500K, 40=4000K, 45=4500K, 50=5000K



DIMENSIONS



ADVANTAGE

- UL cUL DLC(V5.0) 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 humming.
- Green and eco-friendly without mercury.

APPLICATION

- Offices, Hallways and Conference Rooms;
- Exhibition hall and supermarkets, etc.

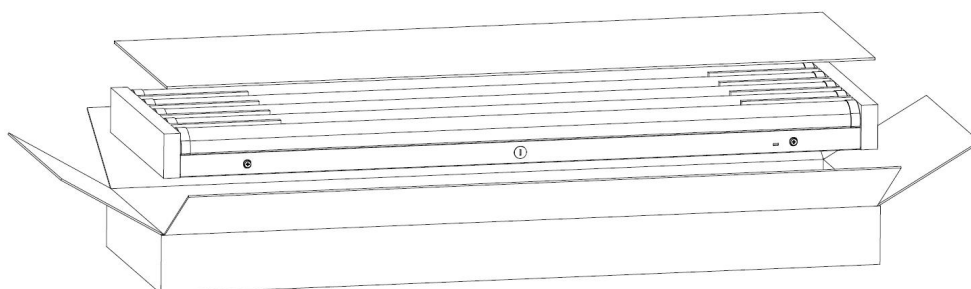
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	35W
	Color Temperature	3500K, 4000K, 4500K, 5000K
	Lumen (Tolerance : -10%)	4600~5000 LM
	Efficacy (Tolerance : -3%)	134~145 LM/W
	CRI	>80
	Color Consistency	< 6 Steps (or < 6 SDCM)
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance : $\pm 15\%$)	130 Degree
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥ 0.9
	THD (Tolerance : $+5\%$)	$\leq 20\%$
	Flicker Percent	< 5%
	Driver Brand	BECKY
	Driver Model	BQE45C-0700-45-PV
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV
	Dimming	0-10V dimming standard
	Optional Accessory	NO Emergency Power Supply
MATERIALS	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	192 PCS
	Housing	IRON
	Housing Color	White, or Customized
	Waterproof Rating	DAMP (IP4X)
OTHERS	Operating Temperature	With out PIR Sensor and Emergency Power Supply: -35°C TO 50°C
		With PIR Sensor: -35°C TO 50°C
		With Emergency Power Supply: 0°C TO 40°C
	Storage Temperature	-35°C TO 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C

PACKAGE

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	1290*395*105 MM	5 PCS	1.7 KG/PC	10.2 KG

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



LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 4728.7 lm

Downward Ratio: 84%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 275.7, 161.0, 236.8, 238.3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 158.3, 112.2, 132.6, 132.7

Luminaire Efficacy Rating (LER): 136.84

Max. Intensity: 1088.72 cd

S/MH(C0/C180): 1.36

Total Rated Lamp Lumens: 4728.7 lm

Efficiency: 100%

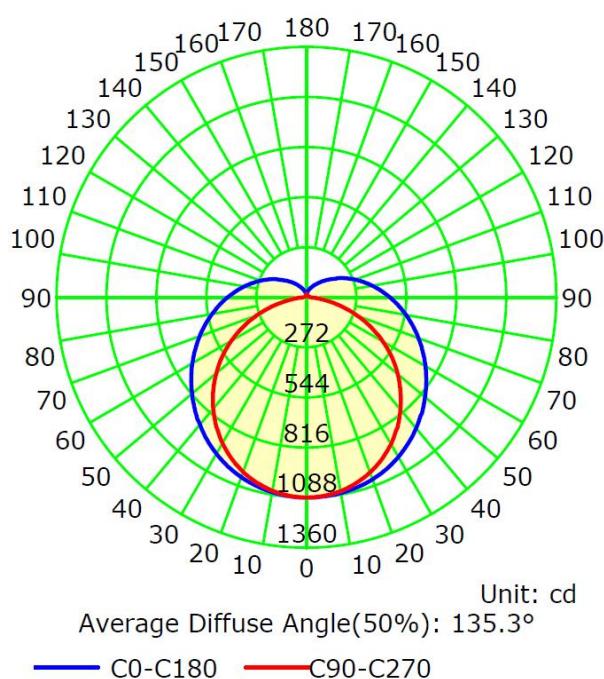
Upward Ratio: 16%

C0r0 Intensity: 1088.06 cd

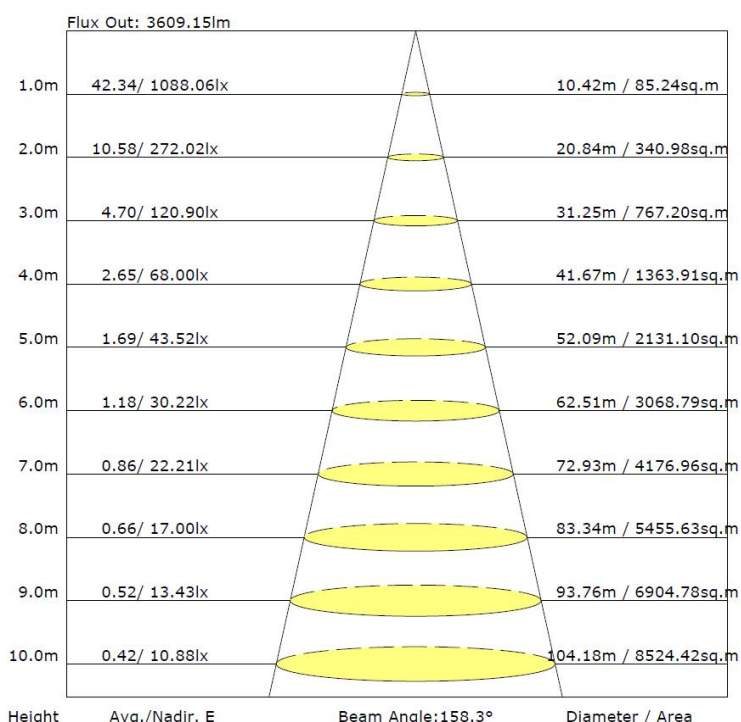
Pos of Max. Intensity: H0 V2

S/MH(C90/C270): 1.25

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 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.