



**GREENTEK ENERGY SYSTEMS, LLC**

[www.GreentekEnergySystems.com](http://www.GreentekEnergySystems.com)



**P/N: GT-LSL-35W4FTBTB1A1-abcd**

**Note:**

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

WH=White, or Customized;

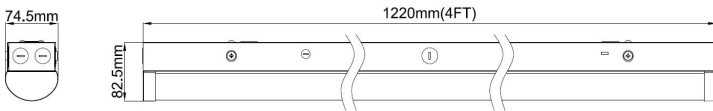
“b” can be “R” or blank for PIR Sensor provided or not;

“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.

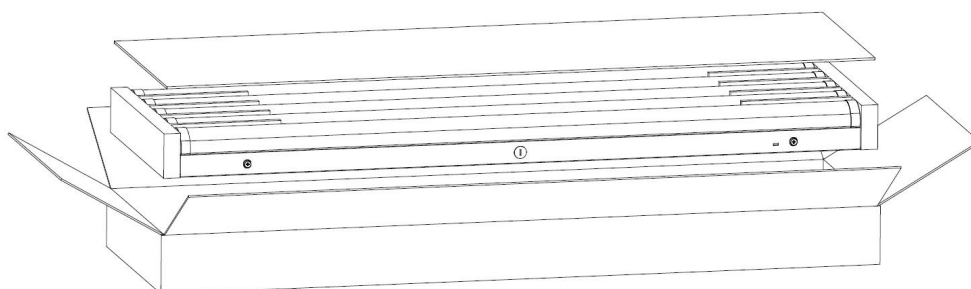
## SPECIFICATIONS

<b>OPTICAL</b>	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
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	$\geq 0.9$
	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	PIR Sensor, Emergency Power Supply(8W/90min)
<b>MATERIALS</b>	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	192 PCS
	Housing	IRON
	Housing Color	White, or Customized
	Waterproof Rating	DAMP (IP4X)
<b>OTHERS</b>	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:  $\pm 15$  MM, Tolerance of Weight:  $\pm 10\%$ .

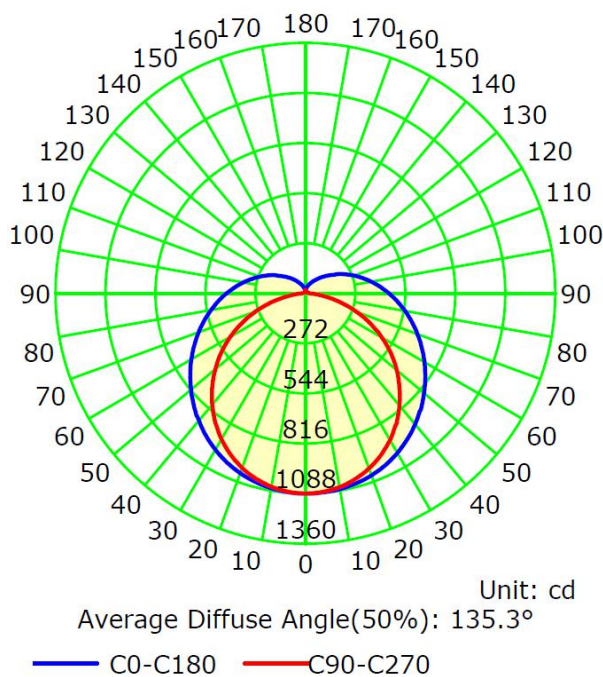


## LIGHT DISTRIBUTION TESTING PARAMETERS

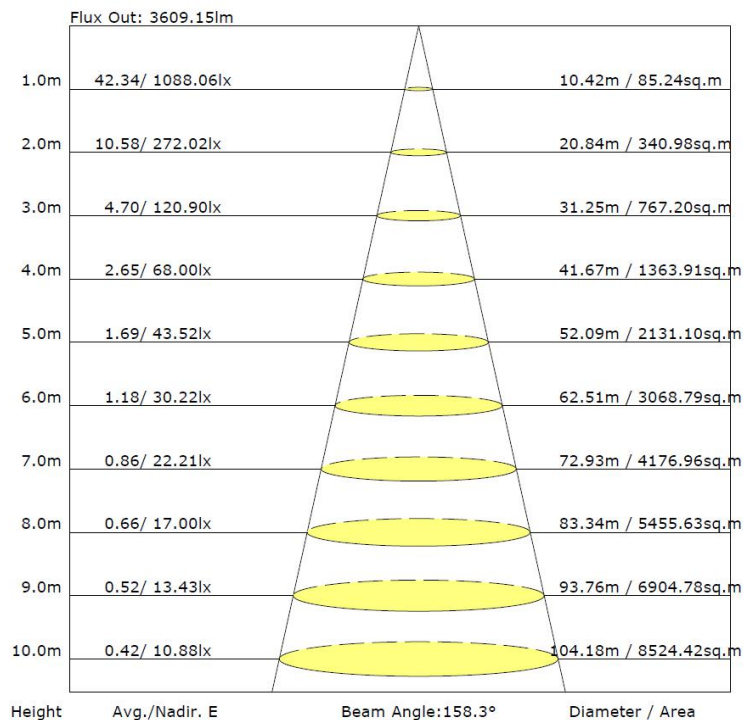
### Photometric Results

CIE Class: Semi-Direct	Total Rated Lamp Lumens: 4728.7 lm
Measurement Flux: 4728.7 lm	Efficiency: 100%
Downward Ratio: 84%	Upward Ratio: 16%
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	C0r0 Intensity: 1088.06 cd
Max. Intensity: 1088.72 cd	Pos of Max. Intensity: H0 V2
S/MH(C0/C180): 1.36	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.