



GREENTEK ENERGY SYSTEMS, LLC

www.GreentekEnergySystems.com



P/N: GT-LSL2-20/30/40W4FTBTB1A1-abcd

Note:

GT= Company name

LSL2= Product series,

20/30/40W = Rating Power,

4FT=stands for product length

B= LUMILEDS ,LED manufacturer,

T=Cover type,Frosted Stripe,

B1=BECKY Class P Driver

A1=Version number

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

WH=White, or Customized;

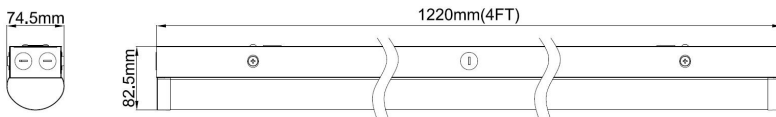
“b” for sensor, “PS” or “MS” or empty (“PS” for AC Motion PIR sensor, “MS” for DC Motion Microwave sensor)

“c” can be “EM” or blank for Emergency Driver provided or not;

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

30=3000K,35=3500,40=4000K, 45=4500K,

DIMENSIONS



ADVANTAGE

- UL certificate.
- Lumileds Chip, high CRI.
- Wattage Adjustable.
- 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.

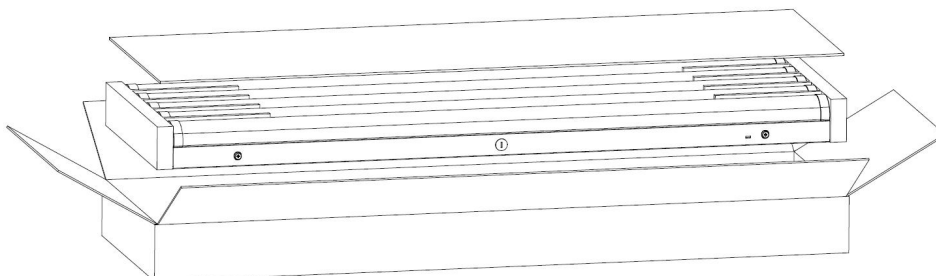
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	40W (Wattage Adjustable: 40W/30W/20W)				
	Color Temperature	3000K	3500K	4000K	4500K	5000K
	Lumen (Tolerance : -10%)	5000lm	5080lm	5320lm	5360lm	5400lm
	Efficacy (Tolerance : -3%)	125lm/w	127lm/w	133lm/w	134lm/w	135lm/w
	CRI	>80				
	Color Consistency	<6 Steps (or <6 SDCM)				
	UGR	<30 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)				
	Diffuser Type	PC Lens (Round)				
	Beam Angle (50%) (Tolerance :	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	BQE46G-0860-42-PV-S1				
	Driver Surge protection	L/N-PE: 2kV, L-N: 1kV				
	Dimming	0-10V dimming standard				
	Optional Accessory	AC Motion PIR sensor, DC Motion Microwave sensor, Emergency Power Supply(8W/90min)				
MATERIALS	LED Brand	Lumileds				
	LED Type	SMD2835				
	LED QTY	154 PCS				
	Housing	IRON				
	Housing Color	White, or Customized				
	Waterproof Rating	DAMP (IP40)				
OTHERS	Operating Temperature	Without Sensor and Emergency Power Supply: -35°C TO 45°C				
		With Sensor: -20°C TO 45°C				
		With Emergency Power Supply: 0°C TO 40°C				
	Storage Temperature	-20°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	1.75 KG/PC	10.2 KG
Outer box (DC Sensor)	1290*395*105 MM	5 PCS	1.8 KG/PC	10.7 KG
Outer box (Emergency Power Supply)	1290*395*105 MM	5 PCS	2.15 KG/PC	12.5 KG

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



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:
Luminous Length (mm): 1216
Voltage: 120.8 V
Power: 40.61 W

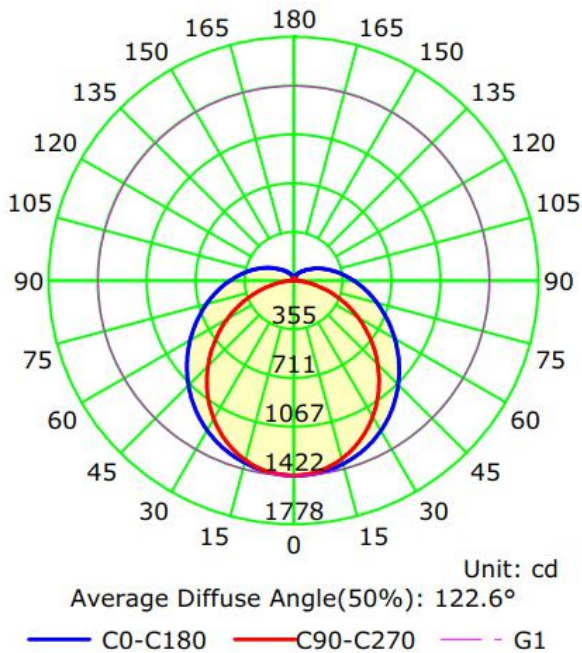
Luminous Width (mm): 69
Current: 0.338 A
Power Factor: 0.995

Photometric Results

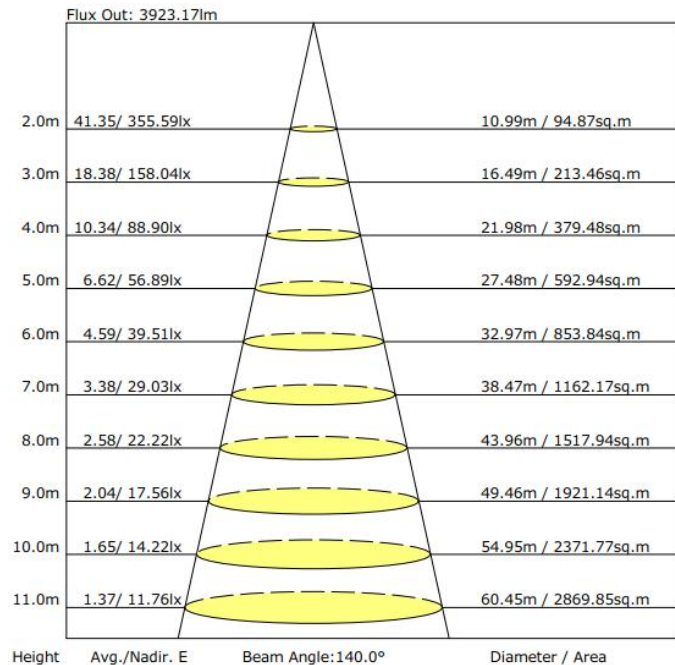
CIE Class: Semi-Direct
Measurement Flux: 5518.3 lm
Downward Ratio: 87%
Horizontal Diffuse Angle(10%,50%): H253.5,H140
Vertical Diffuse Angle(10%,50%): V158.9,V105.2
Luminaire Efficacy Rating (LER): 135.94
Max. Intensity: 1422.97 cd
S/MH(C0/C180): 1.32

Total Rated Lamp Lumens: 5518.3 lm
Efficiency: 100%
Upward Ratio: 13%
Central Intensity: 1422.36 cd
Pos of Max. Intensity: H292.5 V1
S/MH(C90/C270): 1.21

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.