



**GREENTEK ENERGY SYSTEMS, LLC**  
[www.greentekes.com](http://www.greentekes.com)

P/N: GT-LSL3-20W2FTBTHA1-abc30/35/40/50K-D

Note:

GT= Company name;

LSL3 = Product series, LED Strip Light;

20W= Rating Power;

2FT= Size;

B= manufacturer of LED, Lumileds(2835);

TH= Diffuser type, Frosted Stripe;

A1= Version number;

a=can be any two letters to represent lamp colors,

WH=White, or Customized;

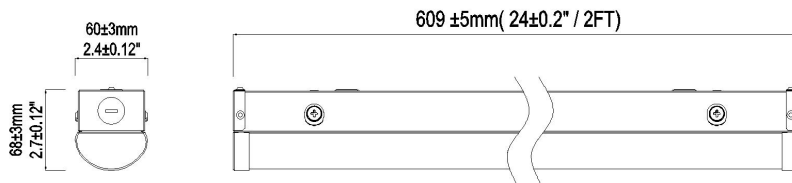
"b" can be "APS", "AMS" or blank for AC PIR sensor,  
DC Motion Sensor provided or not.

"c" can be "EM" or blank for Emergency Driver provided or not;  
30/35/40/50K=CCT;

D=Color tunable.



## DIMENSIONS



## ADVANTAGE

- UL DLC certificate.
- Lumileds Chip, high CRI.
- Input voltage 120-277AC.
- Color Tunable.
- 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.

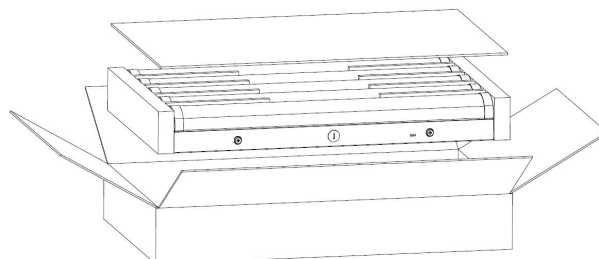
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	20W			
	Color Temperature(Color Tunable)	3000K	3500K	4000K	5000K
	Lumen (Tolerance : ±10%)	2500LM	2720LM	2840LM	2620LM
	Efficacy (Tolerance : ±3%)	125LM/W	136LM/W	142LM/W	131LM/W
	CRI	>80			
	Color Consistency	<7 Steps (or <7 SDCM)			
	Diffuser Type	PC Lens (Round)			
	Beam Angle (50%) (Tolerance : ±15%)	130 Degree			
<b>ELECTRICAL</b>	Input Voltage and Frequency	120-277VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	<5%			
	Driver Brand	China Brand Driver (0-10V dimming )			
	Driver Model	LH-030LA-S90SVC 、 LH-030FLA-S90SVPC			
	Driver Surge protection	L/N-PE: 2kV, L-N: 2kV			
	Dimming	0-10V dimming standard			
	Sensor Type	Daylight Sensor,Occupancy Sensor,Multifunction Sensor			
	Optional Accessory	AC/DC Motion Microwave sensor, AC Motion PIR sensor, Emergency Power Supply(3-5W/90min)			
<b>MATERIALS</b>	LED Brand	Lumileds			
	LED Type	SMD2835			
	LED QTY	120 pcs of 3000K +120 pcs of 5000K			
	Housing	IRON			
	Housing Color	White, or Customized			
	Waterproof Rating	DAMP ( IP40 )			
<b>OTHERS</b>	Operating Temperature	With out Sensor and Emergency Power Supply: -30℃ TO 50℃			
		With Sensor: -20℃ TO 45℃			
		With Emergency Power Supply: 0℃ TO 40℃			
	Storage Temperature	-20℃ TO 80℃			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
	Warranty	5 years			

## PACKAGE

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	650*410*85 MM [ 25.6*16*3.34 inch]	5 PCS	0.8 KG[ 1.76 LBS ]/PC	5.1 KG[ 11.22 LBS ]
Outer box (DC Sensor)		5 PCS	0.85 KG[ 1.87LBS ]/PC	5.5 KG[ 12.1 LBS ]
Outer box (Emergency Power Supply )		5 PCS	0.87KG[1.91 LBS ]/PC	6.0 KG[ 13.2LBS ]

Tolerance of Carton Size: ±15 mm [±0.59 inch], Tolerance of Weight: ±10%.



## LIGHT DISTRIBUTION TESTING PARAMETERS <3000K>

### Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 0.169 A  
 Power Factor: 0.993

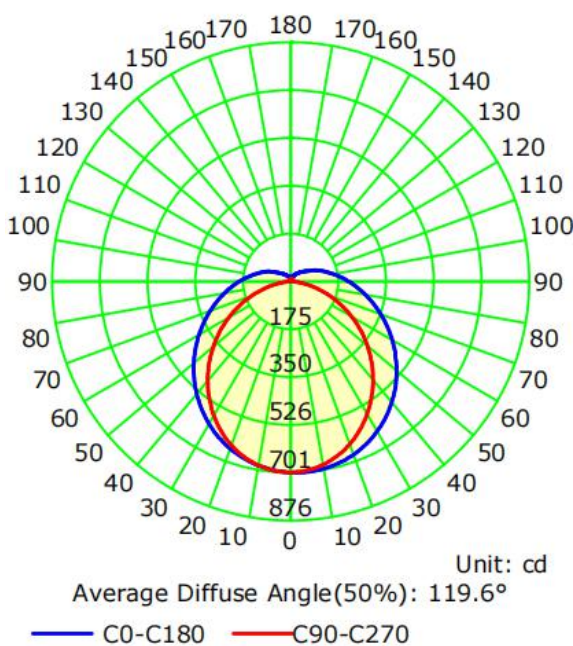
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 20.15 W

### Photometric Results

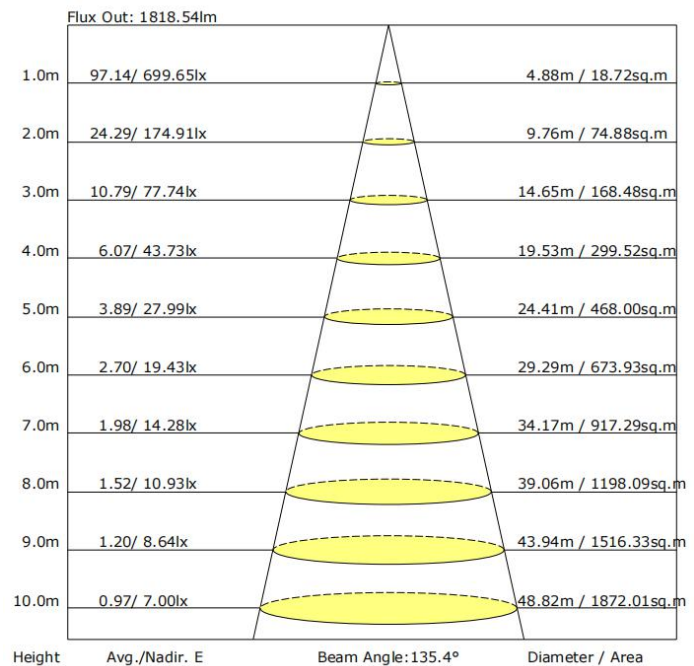
IES Classification: Type II  
 Total Rated Lamp Lumens: 2538.1 lm  
 Efficiency: 100%  
 Upward Ratio: 12%  
 C0r0 Intensity: 699.65 cd  
 Pos of Max. Intensity: H0 V4  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 135.4, 103.7, 116.2, 116.1

Longitudinal Classification: Very Short  
 Measurement Flux: 2538.1 lm  
 Downward Ratio: 88%  
 Luminaire Efficacy Rating (LER): 126.01  
 Max. Intensity: 701.48 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 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.

