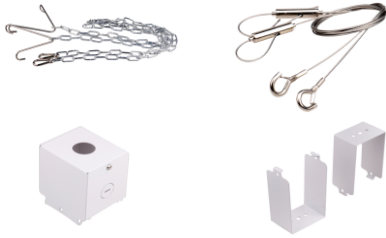


GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com



P/N: GT-LB-1-165W-LBMb-ae-d-S

Note:

GT= Company name;

LB-1 = Product series, LED Linear High Bay Light;

165W= Rating Power;

L=120-277VAC;

B= manufacturer of LED, B=Lumileds(2835);

M= Diffuser type, M= Matte;

b=can be “AMS”, “APS”, “DMS”, “DPS” or blank for Sensor provided or not;

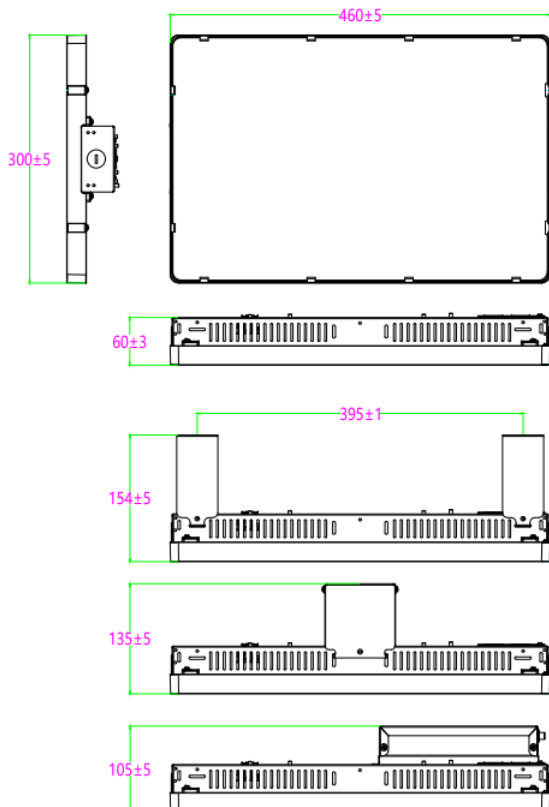
a=can be any two letters to represent lamp colors, WH=White, or Customized;

e =can be XXK for CCT, such as 40K=4000K, 50K=5000K, 57K=5700K;

d= can be “EM” or blank for emergency driver provided or not;

S=Stand for CCT Untunable;

DIMENSIONS



ADVANTAGE

- UL DLC-5.1 Premium certificate.
- Lumileds Chip, high CRI.
- Input voltage 120-277 VAC.
- Wattage adjustable.
- 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 flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.

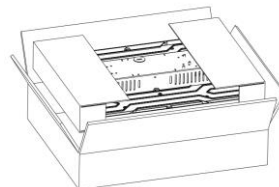
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	165W		
	Color Temperature	4000K	5000K	5700K
	Lumen (Tolerance : ±10%)	22770LM	23100LM	23430LM
	Efficacy (Tolerance : ±3%)	138LM/W	140LM/W	142LM/W
	CRI	>80		
	Color Consistency	<6 Steps (or <6 SDCM)		
	UGR	<28 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)		
	Diffuser Type	Matte Lens		
	Beam Angle (50%) (Tolerance : ±15%)	90 Degree		
ELECTRICAL	Input Voltage and Frequency	120-277 VAC, 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	≤5%		
	Driver Brand	LIFUD		
	Driver Model	LF-FAA150		
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV		
	Dimming	0-10V dimming (dimming scope 0-100%)		
	Sensor Type	Daylight Sensor,Occupancy Sensor,Multifunction,Sensor,Integral Sensor Receptacle		
	Optional Accessory	AC/DC Motion Microwave sensor, AC/DC Motion PIR sensor, Wire guard, Emergency Power Supply(9/16W/90min)		
MATERIALS	LED Brand	Lumileds		
	LED Type	SMD 2835		
	LED QTY	300 PCS		
	Housing	IRON		
	Housing Color	White, or Customized		
	Waterproof Rating	DAMP (IP20)		
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -40℃ TO 50℃		
		With Motion Sensor: -30℃ TO 50℃		
		With Emergency Power Supply: 0℃ TO 50℃		
	Storage Temperature	-30℃ TO 80℃		
	Operating Humidity	20% - 90% RH		
	Storage Humidity	10% - 95% RH		
Warranty	5 years			

PACKAGE Drop test: ISTA-3B

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	480*320*85 MM [18.90*12.60*3.35inch]	1 PC	2.5KG[5.50LBS]	3.3KG[7.26LBS]

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



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): 460

Luminous Height (mm):

Current: 1.349 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): 300

Voltage: 120.0 V

Power: 161.55 W

Photometric Results

CIE Class: Direct

Measurement Flux: 22876 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H134.5,H90.5

Vertical Diffuse Angle(10%,50%): V145.4,V90.9

Luminaire Efficacy Rating (LER): 141.65

Max. Intensity: 10585.64 cd

S/MH(C0/C180): 1.25

Total Rated Lamp Lumens: 22876.0 lm

Efficiency: 100%

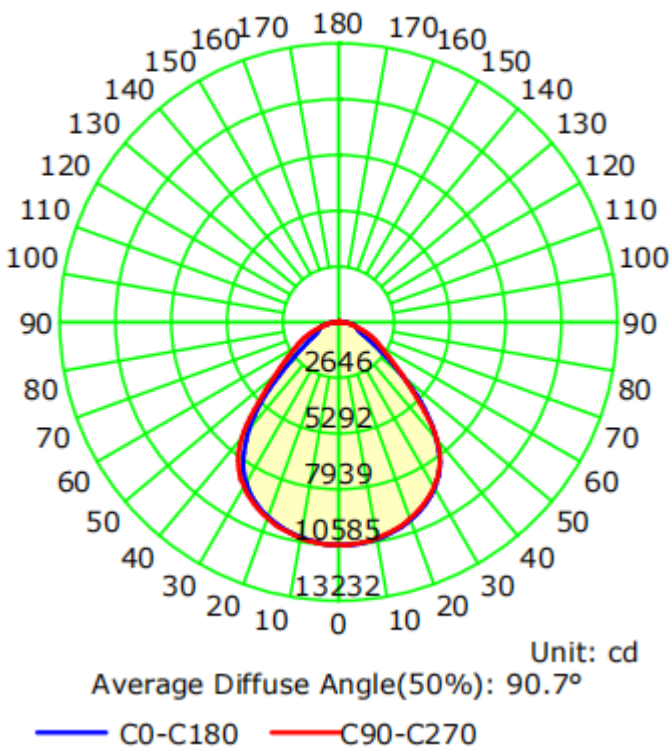
Upward Ratio: 0%

C0r0 Intensity: 10566.2 cd

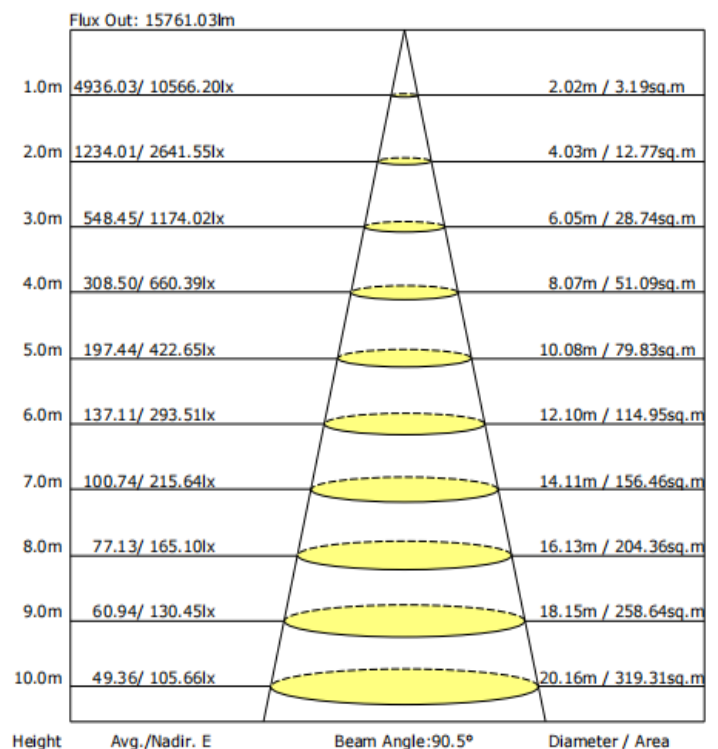
Pos of Max. Intensity: H45 V3

S/MH(C90/C270): 1.27

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.