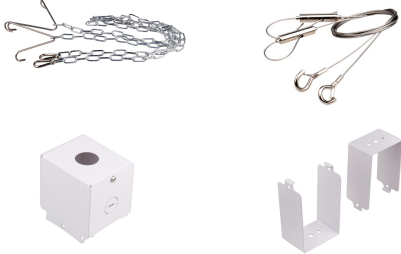




GREENTEK ENERGY SYSTEMS, LLC
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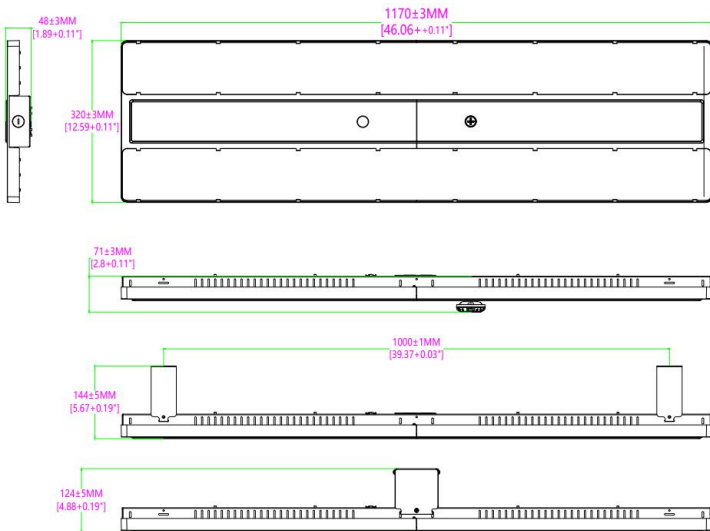
P/N: GT-LB-2-500W-LBMb-ae-S

Note:

GT= Company name;
 LB-2 = Product series, LED Linear High Bay Light;
 500W= 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, such as WH=White, or Customized;
 e =can be XXK for CCT, such as 40K=4000K, 50K=5000K, 57K=5700K;
 S=Stand for CCT Untunable



DIMENSIONS



ADVANTAGE

- UL DLC-V5.1(Premium) 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 flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

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

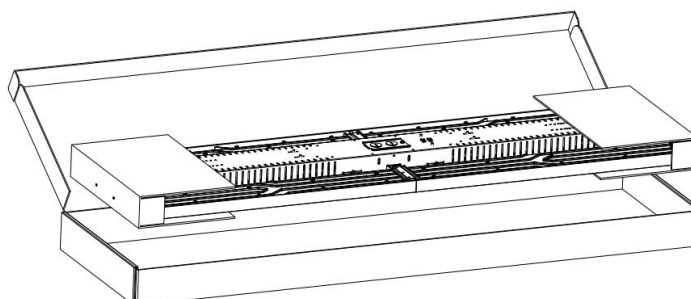
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	500W
	Color Temperature	4000K, 5000K, 5700K
	Lumen (Tolerance : ±10%)	70000~72000 LM @500W
	Efficacy (Tolerance : ±3%)	140~145 LM/W @500W
	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	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤20%
	Flicker Percent	≤5%
	Driver Brand	LIFUD
	Driver Model	LF-FAA240*2
	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
	Optional Accessory	DC Motion Microwave sensor, DC Motion PIR sensor, Wire guard
MATERIALS	LED Brand	Lumileds
	LED Type	SMD 2835
	LED QTY	918 PCS
	Housing	IRON + Aluminum
	Housing Color	White, or Customized
	Waterproof Rating	DAMP (IP20)
OTHERS	Operating Temperature	Without Motion Sensor : -40℃ TO 50℃
		With Motion Sensor: -30℃ 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)	1190*340*85 MM [46.85*13.38*3.35inch]	1 PC	7.2KG[15.87LBS]	8.4KG[18.52LBS]

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

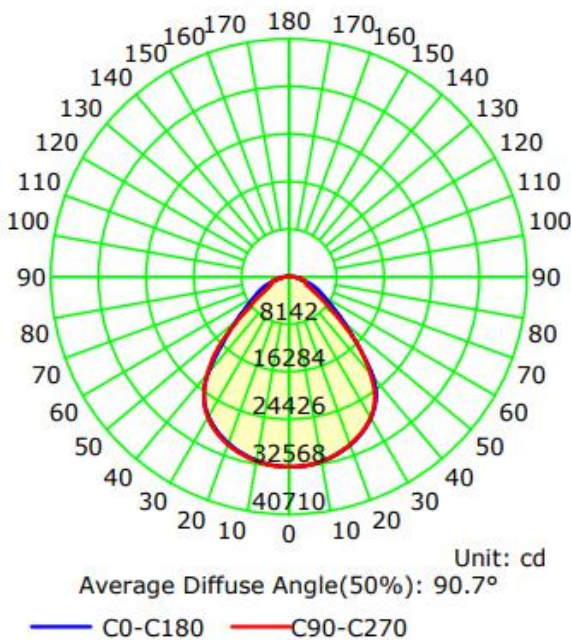


LIGHT DISTRIBUTION TESTING PARAMETERS

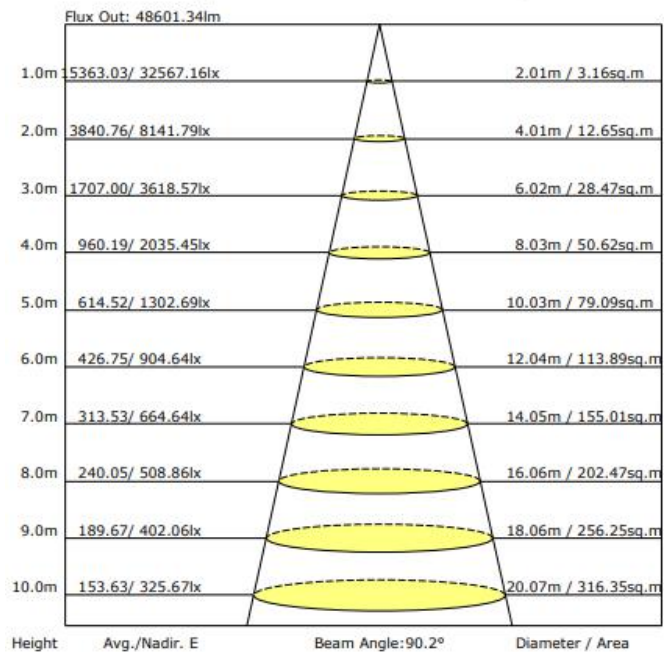
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 70302.7 lm
Measurement Flux: 70302.7 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H144.4,H90.2	
Vertical Diffuse Angle(10%,50%): V135.8,V91.2	
Luminaire Efficacy Rating (LER): 142.49	C0r0 Intensity: 32567.16 cd
Max. Intensity: 32568.6 cd	Pos of Max. Intensity: H292.5 V1
S/MH(C0/C180): 1.26	S/MH(C90/C270): 1.26

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.