



GREENTEK ENERGY SYSTEMS, LLC

www.GreentekEnergySystems.com

P/N: GT-SLHB-110WBMN2FT-abf

Note:

GT= Company name;

SLHB = Product series, LED Linear High Bay Light;

110W= Rating Power;

B= manufacturer of LED;

M= Diffuser type, M= Matte;

N= Driver manufacturer

2FT= Product length;

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

WH=White, or Customized;

b=can be "AMS" or "ARS" or blank

for AC Motion Microwave sensor or

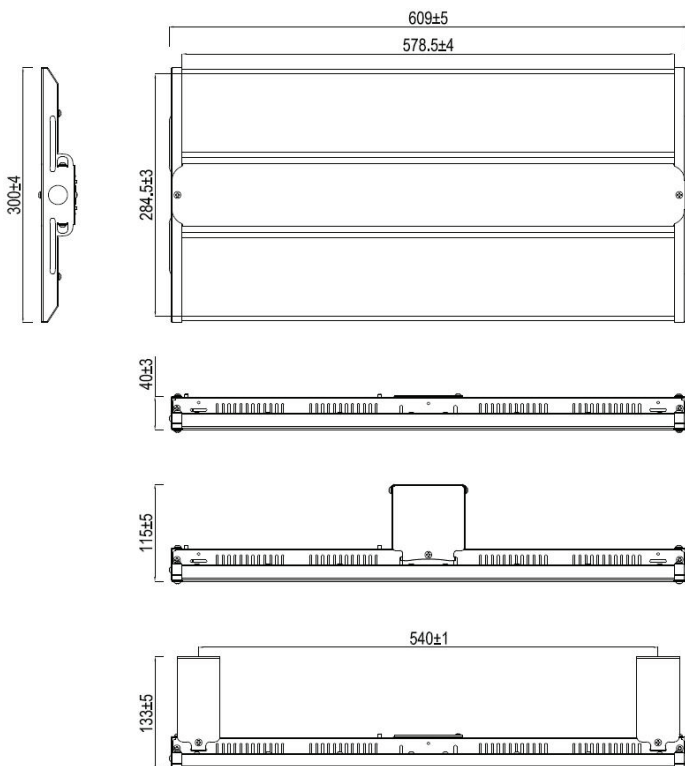
AC Motion PIR sensor provided or not;

f= can be any digits for CCT,

40-57K(4000K,4500K,5000K,5700K) .



DIMENSIONS



ADVANTAGE

- UL 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.

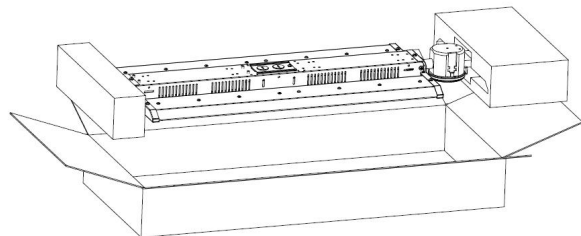
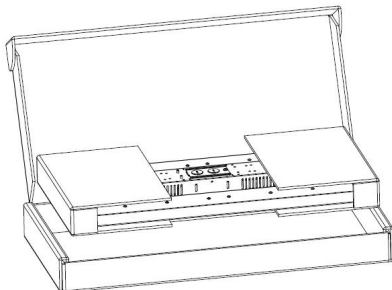
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	110W
	Color Temperature	4000K, 4500K, 5000K, 5700K
	Lumen (Tolerance : -10%)	14500~15600 LM
	Efficacy (Tolerance : -3%)	135~140 LM/W
	CRI	>80
	Color Consistency	<6 Steps (or <6 SDCM)
	UGR	<26 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)
	Diffuser Type	Matte Lens
Beam Angle (50%) (Tolerance : $\pm 15\%$)	90 Degree	
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	≥ 0.9
	THD (Tolerance : $+5\%$)	$\leq 20\%$
	Flicker Percent	$\leq 30\%$
	Driver Brand	Tosmart
	Driver Model	AST-CNB-100U-130V (Non-isolated driver)
	Driver Surge protection	L/N-PE: 2kV, L-N: 2kV
	Dimming	0-10V dimming (dimming scope 10-100%)
	Sensor Type	Daylight Sensor, Occupancy Sensor, Multifunction Sensor
	Optional Accessory	AC Motion Microwave sensor, AC Motion PIR sensor
MATERIALS	LED Brand	Lumileds
	LED Type	SMD 2835
	LED QTY	180 PCS
	Housing	IRON
	Housing Color	White, or Customized
	Waterproof Rating	DAMP (IP20)
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -30°C TO 50°C With Motion Sensor: -30°C TO 50°C
	Storage Temperature	-30°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 Drop test: ISTA-3B

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor)	660*320*65 MM	1 PC	2.2KG/PC	3.2KG
Outer box(AC Sensor)	750*340*100 MM	1 PC	2.5KG/PC	3.9KG

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

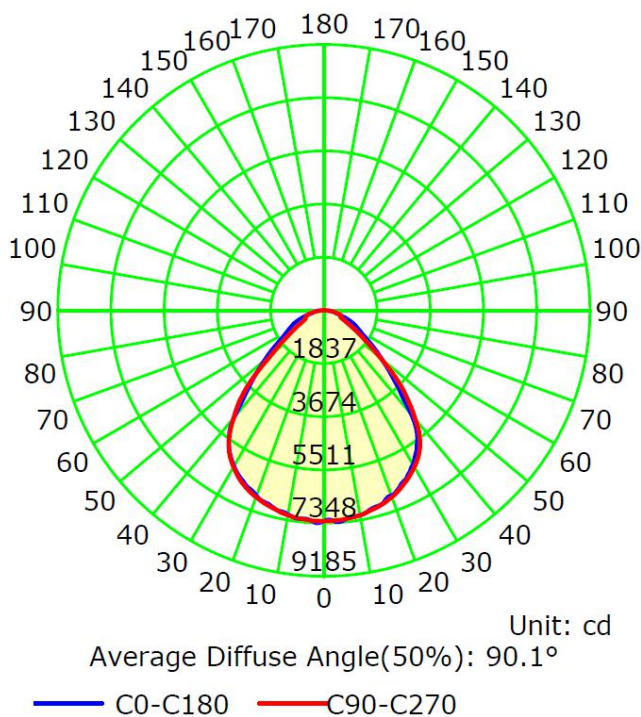


LIGHT DISTRIBUTION TESTING PARAMETERS

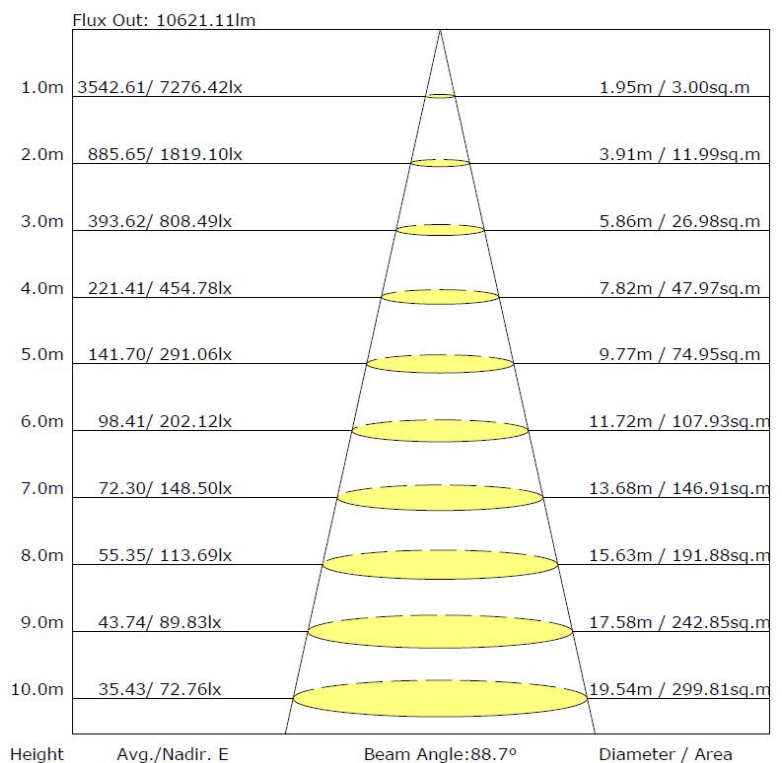
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 15531.1 lm
Measurement Flux: 15531.1 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 143.7, 129.5, 146.0, 146.4	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.7, 91.5, 89.2, 89.4	
Luminaire Efficacy Rating (LER): 139.43	C0r0 Intensity: 7276.42 cd
Max. Intensity: 7348.23 cd	Pos of Max. Intensity: H180 V2
S/MH(C0/C180): 1.25	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.