



P/N: AST-PHB08D-165WBMB2A1-abdWf

Note:

AST= Company name;

PHB08D = Product series, LED Linear High Bay Light;

165W= Rating Power;

B= manufacturer of LED, Lumileds(2835);

M= Diffuser type, Matte Lens;

B2= Driver manufacturer, BECKY(120-347VAC);

A1= Version number;

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

WH=White, or Customized;

b=can be "AMS"/ "DMS" or "APS"/ "DPS" or blank

for AC/DC Motion Microwave sensor or

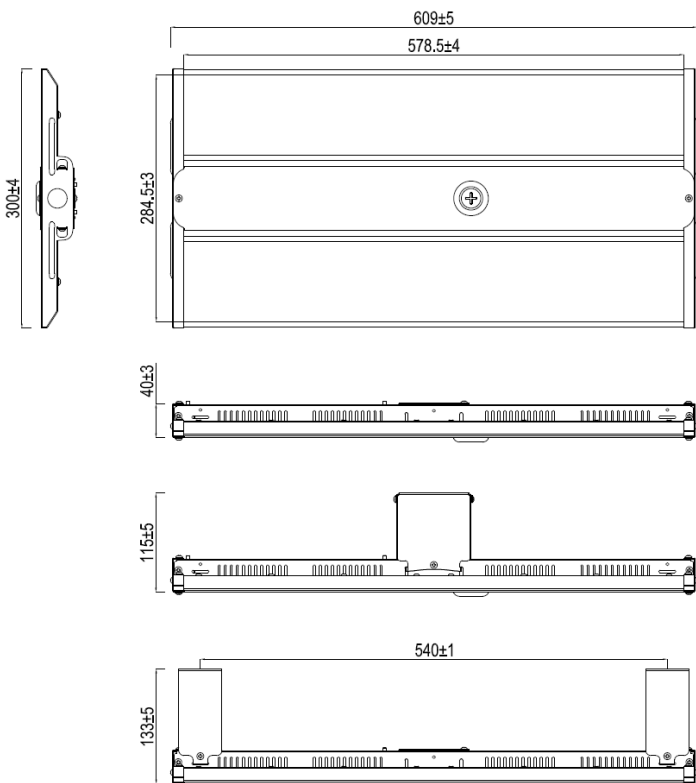
AC/DC Motion PIR sensor provided or not;

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

W= represents for Wattage adjustable;

f= can be any digits for CCT, 40/50K(40=4000K,50=5000K).

DIMENSIONS



ADVANTAGE

- UL cUL DLC certificate.
- Lumileds Chip, high CRI.
- Input voltage 120-347VAC.
- Color tunable.
- 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.

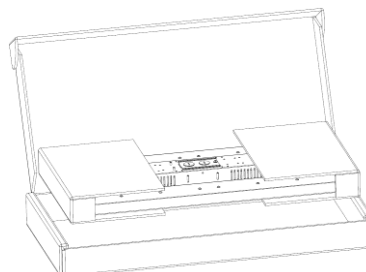
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	165W (Wattage adjustable 110W- 130W- 165W)	
	Color Temperature (Color Tunable)	4000K	5000K
	Lumen Max (Tolerance : ±10%)	22213 LM @165W	22600 LM @165W
	Efficacy (Tolerance: ±3%)	139.2 LM/W @165W	138.9 LM/W @165W
	CRI	>80	
	Color Consistency	<7 Steps (or <7 SDCM)	
	UGR	<27 (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	120-347VAC, 50/60Hz	
	PF (Tolerance: -3%)	≥0.9	
	THD (Tolerance: +5%)	≤20%	
	Flicker Percent	≤5%	
	Driver Brand	BECKY	
	Driver Model	BQE158D-260-PVF-AUX (Non-isolated driver)	
	Driver Surge protection	L/N-PE: 6kV, L-N: 4kV	
	Dimming	0-10V dimming (dimming scope 0-100%)	
	Sensor Type (Optional)	Daylight Sensor,Occupancy Sensor,Multifunction Sensor, Integral Sensor Receptacle	
	Optional Accessory	AC/DC Motion Mircowave sensor, AC/DC Motion PIR sensor, Emergency Power Supply(9W/90min or 16W/90min)	
MATERIALS	LED Brand	Lumileds	
	LED Type	SMD 2835	
	LED QTY	576 PCS	
	Housing	IRON	
	Housing Color	White, or Customized	
	Waterproof Rating	DAMP (IP20)	
OTHERS	Operating Temperature	Without Motion Sensor and Emergency Power Supply: -30℃ 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)	660*320*65 MM	1 PC	2.5KG/PC	3.5KG

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



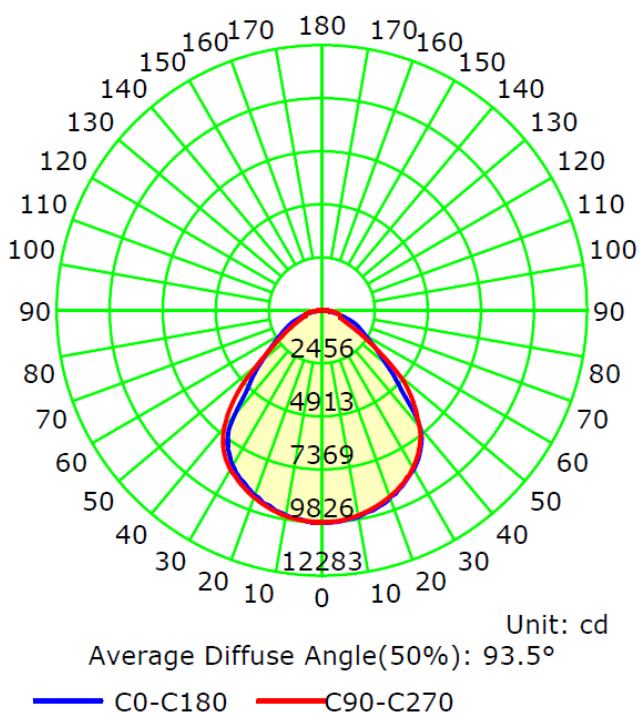
LIGHT DISTRIBUTION TESTING PARAMETERS**Photometric Results**

CIE Class: Direct
 Measurement Flux: 22213.3 lm
 Downward Ratio: 99%
 Horizontal Diffuse Angle(50%): H90.2
 Vertical Diffuse Angle(50%): V96.9
 Luminaire Efficacy Rating (LER): 139.24
 Max. Intensity: 9826.56 cd
 S/MH(C0/C180): 1.27

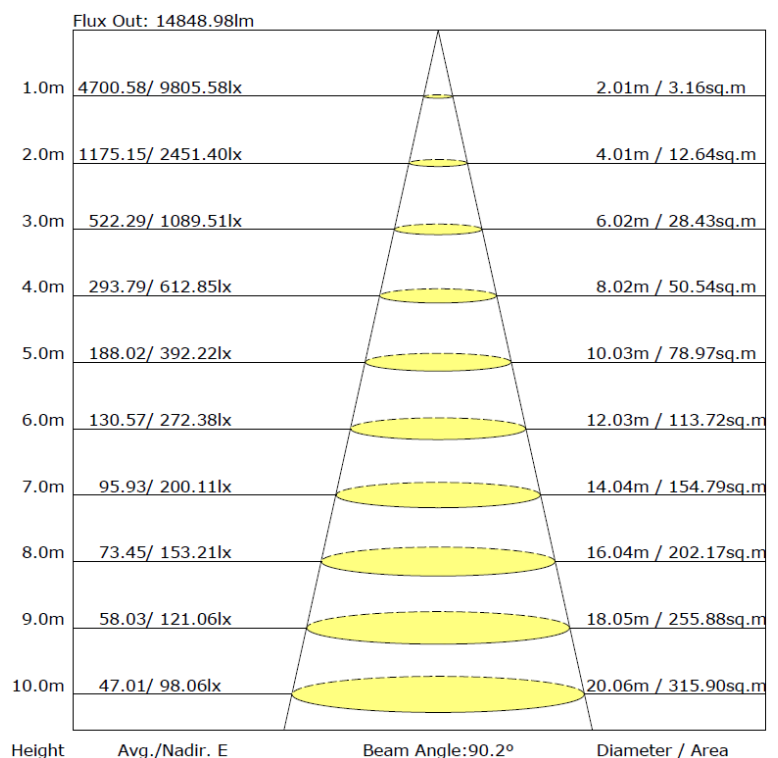
Total Rated Lamp Lumens: 22213.3 lm
 Efficiency: 100%
 Upward Ratio: 1%

C0r0 Intensity: 9805.58 cd
 Pos of Max. Intensity: H22.5 V2
 S/MH(C90/C270): 1.28

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.