



P/N: AST-PHB05-165WBFP2C1-abd

Note:

AST= Company name

PHB05 = Product series, LED Linear High Bay Light

165W = Rating Power

B= LED manufacturer, Lumileds 2835

F = Cover type, Frosted Lens

P2= Class P Driver

C1 = Version number

a = Housing colors, WH=White

b= Sensor, MS or PS or Blank(Motion Sensor or PIR Sensor)

d= CCT, 40=4000K,45=4500K,50=5000K,57=5700K



Type A

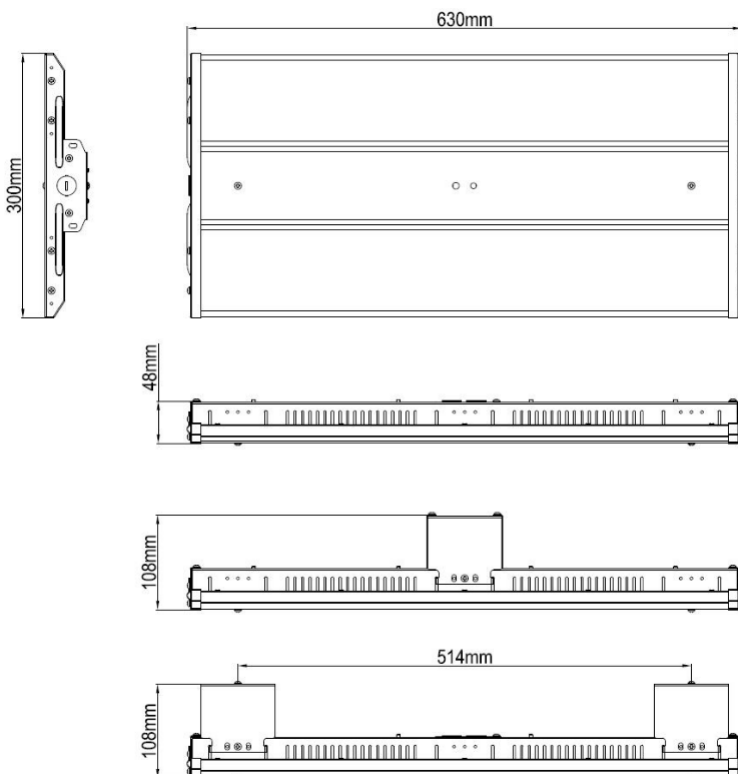
Type B

Type C

Type D



DIMENSIONS



ADVANTAGE

- UL cUL DLC certificate.
- Input voltage 120-277VAC.
- 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. ➤
- Output constant current lever can be adjusted through output cable with 1-10V.
- *The product can not be connected to a dimming device when it's equipped with Motion Sensor.

APPLICATION

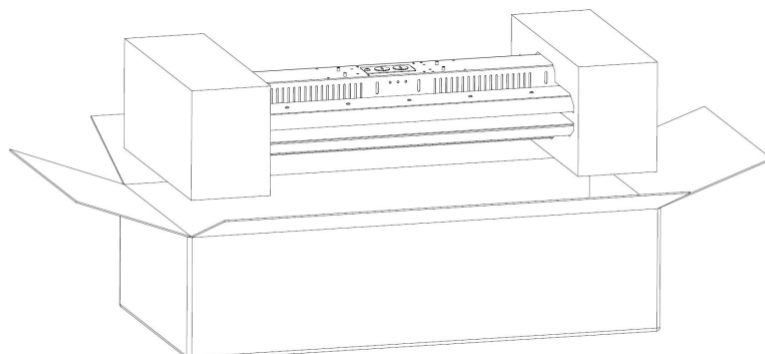
- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power	165W
	Lumen	21600-22800LM
	Lumen Efficacy	135-142LM/W
	Color Temperature	4000K,4500K,5000K,5700K
	CRI	>80
	Viewing Angle	100 Degree
ELECTRICAL	Input Voltage	120-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	China Brand Driver
	Optional Accessory	Motion Sensor, PIR Sensor
MATERIALS	LED Brand	Lumileds
	LED Type	2835 (0.5W)
	LED QTY	504 PCS
	Housing Color	White ,Other colors
	Waterproof Rating	DAMP
OTHERS	Operating Temperature	-40℃ TO 50℃
	Operating Humidity	20%-90% RH
	Storage Temperature	-40℃ TO 80℃
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	720*360*185 MM	2 PCS	3.5 KG/PC	8.7 KG
Outer box(Sensor)	870*360*130 MM	1 PC	3.7 KG/PC	5.1 KG



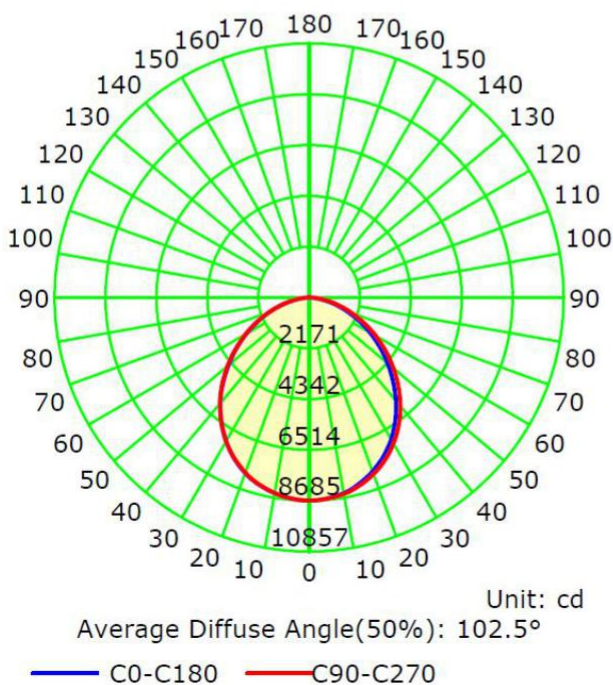
LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

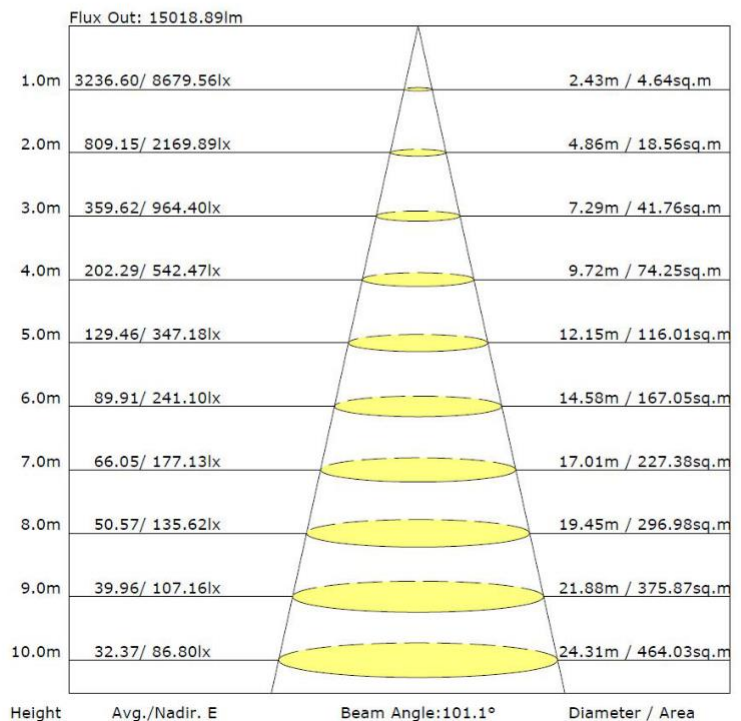
CIE Class: Direct
 Measurement Flux: 22425.5 lm
 Downward Ratio: 100%
 Horizontal Diffuse Angle(50%): H101.1
 Vertical Diffuse Angle(50%): V104
 Luminaire Efficacy Rating (LER): 140.82
 Max. Intensity: 8685.96 cd
 S/MH(C0/C180): 1.21

Total Rated Lamp Lumens: 22425.5 lm
 Efficiency: 100%
 Upward Ratio: 0%
 Central Intensity: 8679.56 cd
 Pos of Max. Intensity: H292.5 V1
 S/MH(C90/C270): 1.22

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.