



**NAME: LED High Bay Light**

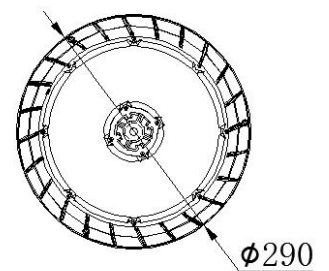
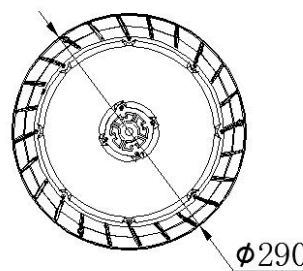
**P/N: AST-HB08-100WRBCPD1-abcd**



- Note: 1.The Letter **a** in P/N stands for Housing color,Can be any color.  
 2.The Letter **b** in P/N stands for Surge-Protective Device, Can be S or blank.  
 3.The Letter **c** in P/N stands for Motion Sensor, can be M or blank.  
 4.The Letter **d** in P/N stands for CCT,d=CCT, 40=4000K, 45=4500K,50=5000K, 57=5700K.

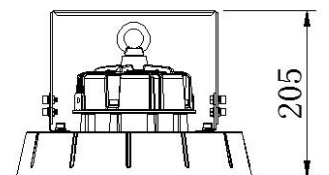
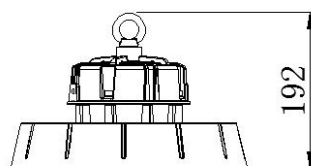
**Advantage:**

- Input voltage 100-277Vac
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO flickering, NO humming
- Green and eco-friendly without mercury
- Output constant current lever can be adjusted through output cable with 0-10V PWM Resistance three in one dimming.



**Application:**

- ◆ Warehouse, factory and workshops;
- ◆ Highway toll station and gas station;
- ◆ Exhibition hall;
- ◆ Gymnasium and supermarkets, etc.



# TECHNICAL DATA SHEET

## Product Specifications

Product name	LED High Bay Light
Part No	ALS-HB08-100WRBCPD1-abcd
Dimension	Φ290x192 mm or Φ290x205 mm

## Technical Characteristic

Color temperature	4000K 4500K 5000K 5700K
CRI	>80
Cover	Clear PC
Lumen	13500-14500LM
Viewing Angle	110°
Input Power	100W
Input Voltage	100-277Vac 50/60Hz
Driver Brand	China Brand Driver (1-10V dimming )
Optional Accessory	Motion Sensor/Surge-Protective Device
PF	>0.9
Waterproof Rating	WET (IP65)

## Materials

LED Type	2835 (0.5W)
LED QTY	280 PCS
Housing	Aluminum
Housing color	Any color
Cover	PC cover

## Others

Operating Temperature	-40℃ TO 55℃
Operating Humidity	10%-90% RH
Storage Temperature	-40℃ TO 80℃
Storage Humidity	10%-95%
Application	Indoor
Safety Certification	UL cUL
Warranty Time	5 Years

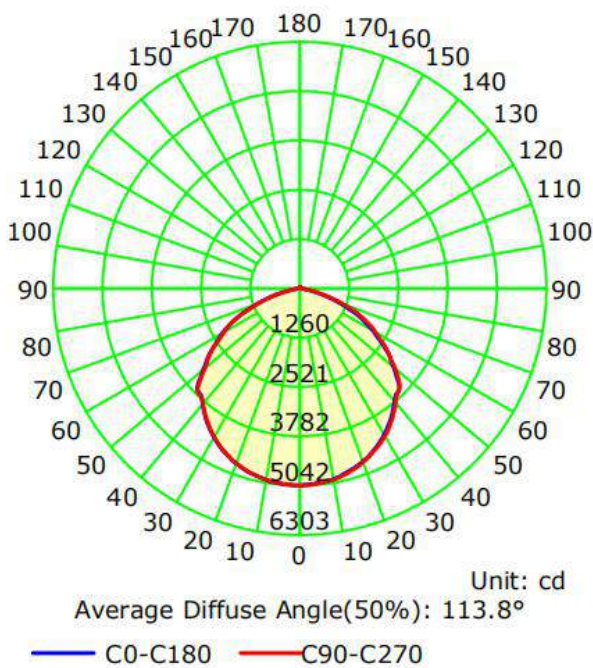
## Light Distribution Testing Parameters

## Photometric Results

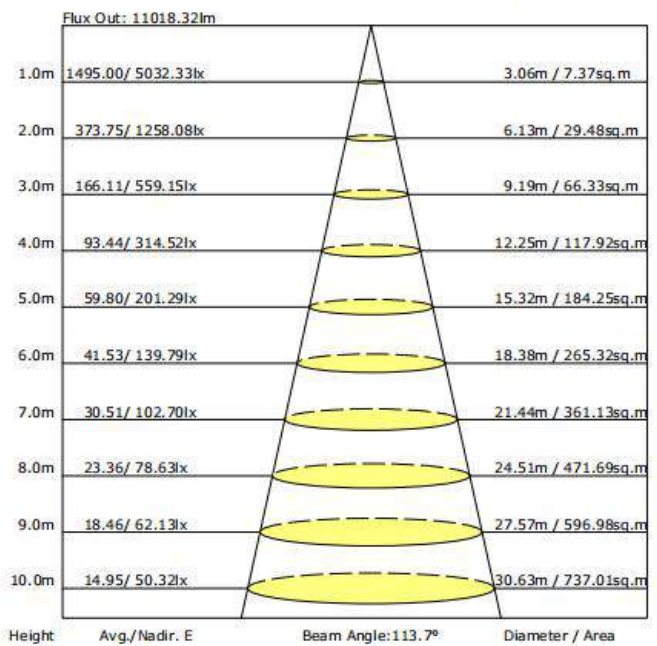
IES Classification: Type II  
 Total Rated Lamp Lumens: 14281.9 lm  
 Efficiency: 100%  
 Upward Ratio: 1%  
 Central Intensity: 5032.33 cd  
 Pos of Max. Intensity: H90 V1

Longitudinal Classification: Very Short  
 Measurement Flux: 14281.9 lm  
 Downward Ratio: 99%  
 Luminaire Efficacy Rating (LER): 142.92  
 Max. Intensity: 5042.85 cd

Luminous Intensity Distribution Curve



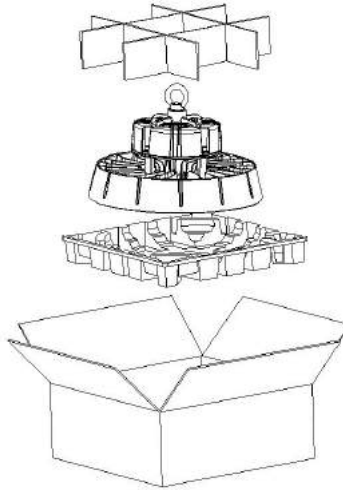
The Average Illuminance Effective Figure



# TECHNICAL DATA SHEET

## Package

	Size	Qty / Carton	Gross Weight / Carton
Outer box	345x345x195 mm	1 PC	4.0KG



## 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.