



P/N: ALS-HB07-150WSACGD1-abcd

Note:

ALS = Company name

HB07 = Product series, LED High Bay Light

150W = Rating Power

S = Driver manufacturer, SOSEN

A = LED manufacturer, Hongli 2835

CG = Cover type, Flat clear glass

D1 = Version number

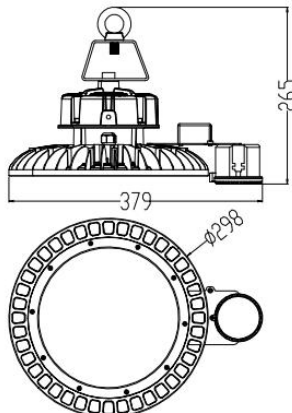
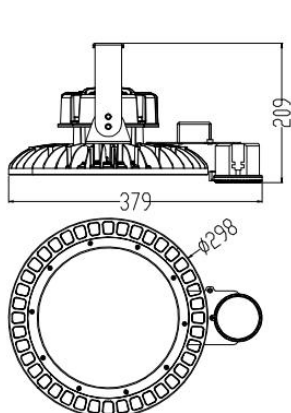
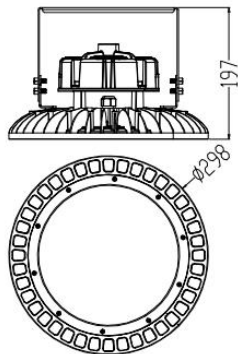
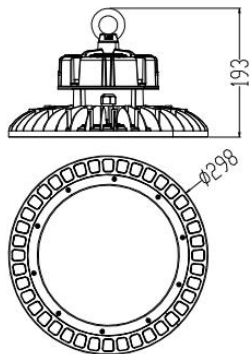
a = Stand for lamp color, can be any two letters

b = Surge-Protective Device, can be S or blank

c = Motion Sensor, can be M or blank,

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

**DIMENSIONS**



**ADVANTAGE**

- UL DLC certificate.
- IP65 driver, input voltage 100-277VAC.
- 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.

**APPLICATION**

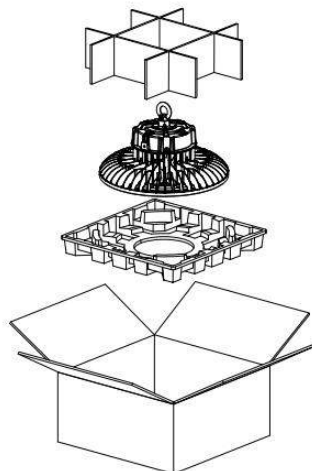
- Warehouse, factory and workshops;
- Highway toll station and gas station;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

## SPECIFICATIONS

<b>OPTICAL</b>	Input Power	150W
	Lumen	19500-21750LM
	Lumen Efficacy	130-145LM/W
	Viewing Angle	110°
	Color Temperature	4000K, 4500K, 5000K, 5700K
	CRI	>80
<b>ELECTRICAL</b>	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver Model	China Brand Driver (1-10Vdc Dimmer )
	Optional Accessory	Motion Sensor/ Surge-Protective Device
<b>MATERIALS</b>	LED Type	SMD2835 (0.5W)
	LED QTY	375 PCS
	Housing	Aluminum Alloy
	Housing Color	Any colors
	Cover	Flat clear glass
	Waterproof Rating	WET (IP65)
<b>OTHERS</b>	Operating Temperature	-40°C TO 50°C
	Operating Humidity	10%-90% RH
	Storage Temperature	-40°C TO 80°C
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

## PACKAGE

	Size	Qty / Carton	Lamps Net Weight	Weight/ Carton
Outer box	360X360X195MM	1PC	3.7KG	4.7KG



## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

Luminaire Manufacturer:  
Voltage: 119.8 V  
Power: 153.38 W

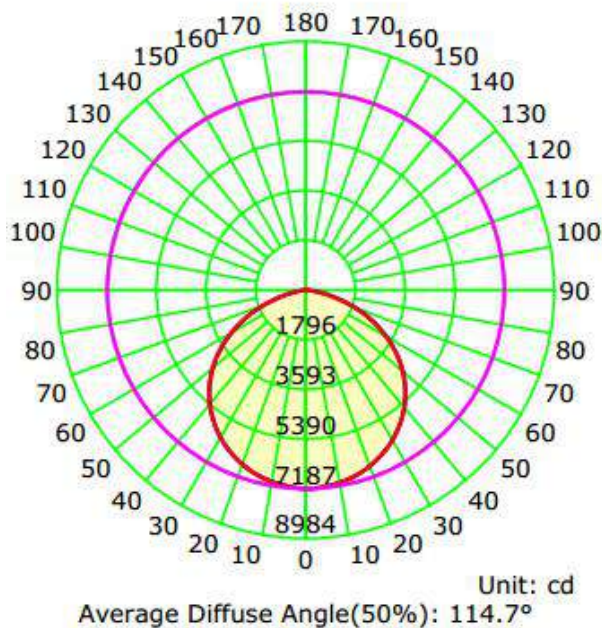
Current: 1.285 A  
Power Factor: 0.995

### Photometric Results

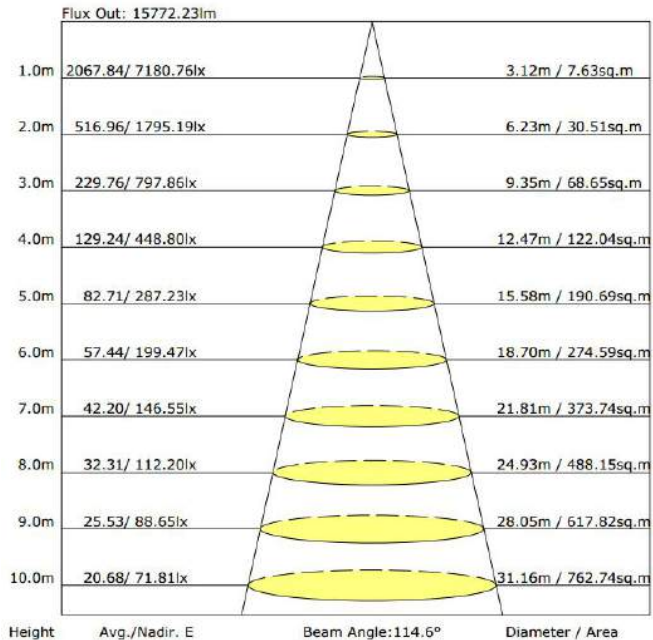
CIE Class: Direct  
Measurement Flux: 20485.9 lm  
Downward Ratio: 99%  
Horizontal Diffuse Angle(10%,50%): H154.7,H114.6  
Vertical Diffuse Angle(10%,50%): V154.7,V114.9  
Luminaire Efficacy Rating (LER): 133.56  
Max. Intensity: 7187.91 cd  
S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 20485.9 lm  
Efficiency: 100%  
Upward Ratio: 1%  
Central Intensity: 7180.76 cd  
Pos of Max. Intensity: H22.5 V2  
S/MH(C90/C270): 1.29

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.