



ZARA LED  
 Email: info@zaraled.com  
 www.zaraled.com

P/N: AST-HB07-150WSXYD1-abcd

Note:

AST= Company name

HB07 = Product series, LED High Bay Light

150W = Rating Power

S= Driver manufacturer, SOSEN

X= LED manufactory, could be any alphabet.

Y=cover type, could be glass or PC.

D1 = Version number

a=tand for lamp color, Can be any two letters

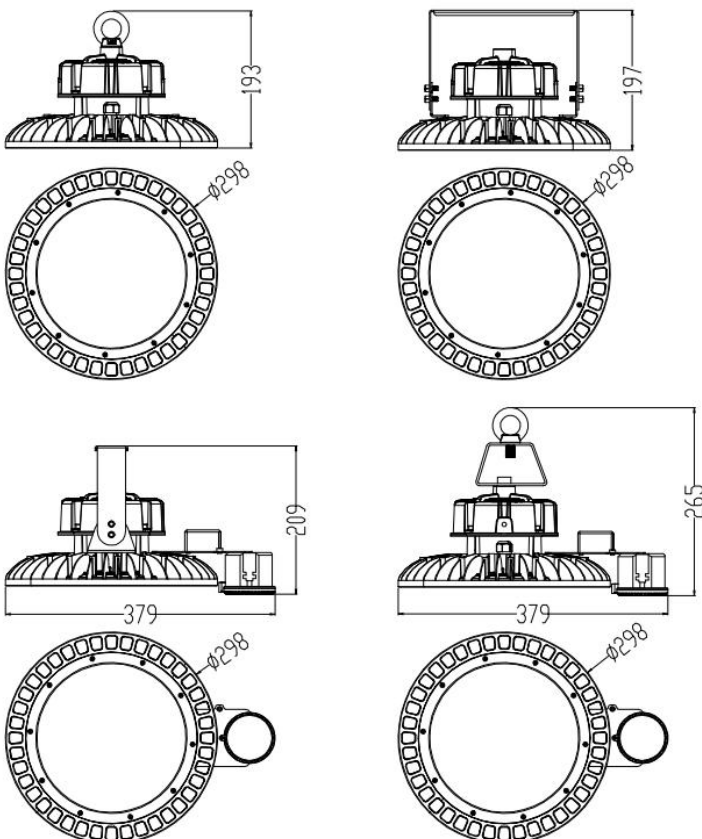
b=Surge-Protective Device, Can be S or blank

c= Motion Sensor, can be M or blank,

d=CCT,d=27~65, for 2700K~6500K



**DIMENSIONS**



**ADVANTAGE**

- UL cUL 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**

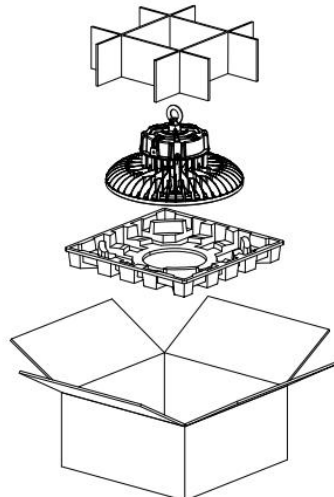
- Warehouse, factory and workshops;
- Highway toll station and gas station;
- Exhibition hall;
- Gymnasium and supermarkets, etc.

## SPECIFICATIONS

|                   |                       |                                       |
|-------------------|-----------------------|---------------------------------------|
| <b>OPTICAL</b>    | Input Power           | 200W                                  |
|                   | Cover                 | Tempered Glass                        |
|                   | Lumen                 | 28000-29000LM                         |
|                   | Viewing Angle         | 110°                                  |
|                   | Color Temperature     | 2700 - 6500K                          |
|                   | 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                 | Tempered Glass or PC                  |
|                   | Waterproof Rating     | WET ( IP65 )                          |
| <b>OTHERS</b>     | Operating Temperature | -40℃ TO 50℃                           |
|                   | Operating Humidity    | 10%-90% RH                            |
|                   | Storage Temperature   | -40℃ TO 80℃                           |
|                   | 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

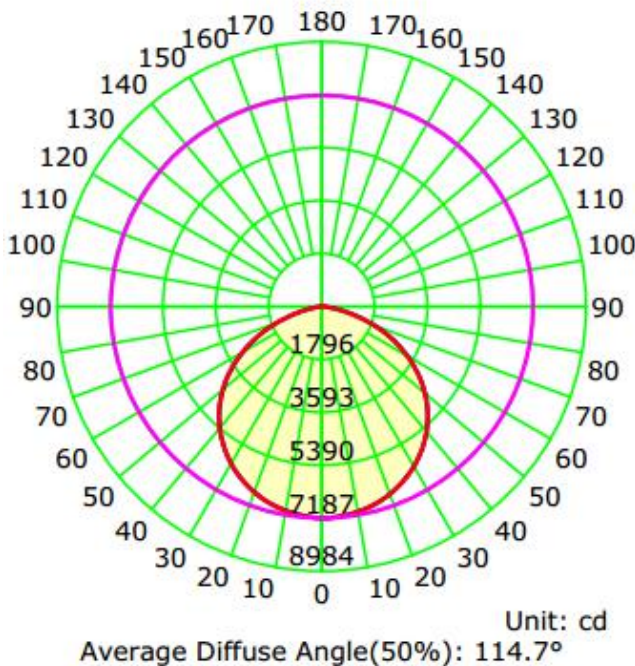
Current: 1.285 A  
Power Factor: 0.995

**Photometric Results**

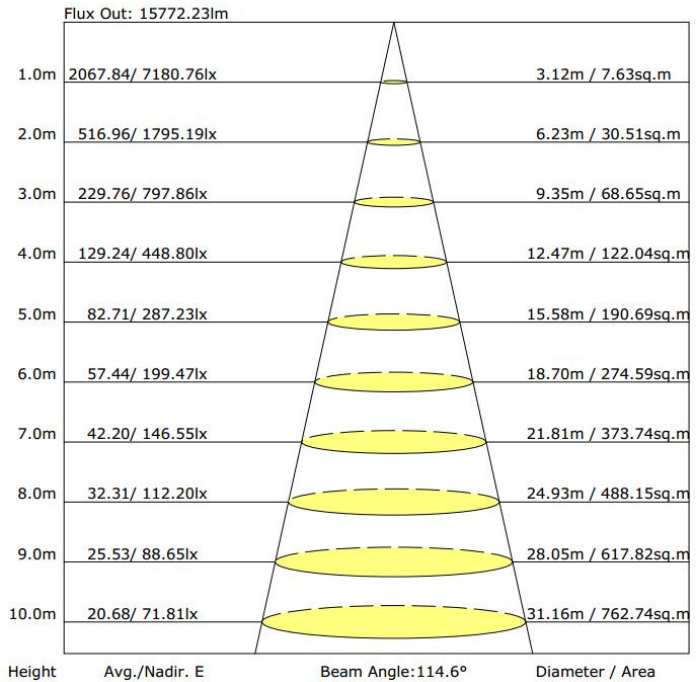
CIE Class: Direct  
Measurement Flux: 20485.9 lm  
Downward Ratio: 99%  
Horizontal Diffuse Angle(10%,50%): H154.7,H114.6  
Vertical Diffuse Angle(10%,50%): V154.7,V114.9  
Luminaire Efficacy Rating (LER): 133.56  
Max. Intensity: 7187.91 cd  
S/MH(C0/C180): 1.28

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.<br>If same phenomena occur, then call agencies. |

Out of working

Please check the connection.