

## LED UFO LIGHT



MOSO



### OPTIONS:



DC SENSOR

#### Pre-Set :

Brightness: 100%  
 Hold time: 1min  
 Stand-by dim: 20%  
 Stand-by time: 1min  
 Daylight: Off  
 Sensitivity: 100%



Reflector

### Specifications

| Model No   |                       | AST-HB11B-100W<br>M2BT2C1-BH40/50KWD | AST-HB11B-150W<br>M2BT2C1-BH40/50KWD | AST-HB11B-200W<br>M2BT2C1-BH40/50KWD | AST-HB11B-240W<br>M2BT2C1-BH40/50KWD |
|------------|-----------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| OPTICAL    | Power Adjustable      | 100W/80W/60W                         | 150W/130W/110W                       | 200W/180W/160W                       | 240W/220W/200W                       |
|            | Lumen                 | 13000-14500LM                        | 19500-21750LM                        | 26000-29000LM                        | 31200-34800LM                        |
|            | Lumen Efficacy        | 130-145LM/W                          | 130-145LM/W                          | 130-145LM/W                          | 130-145LM/W                          |
|            | Viewing Angle         | 90°                                  | 90°                                  | 90°                                  | 90°                                  |
|            | CCT Adjustable        | 4000K/5000K                          | 4000K/5000K                          | 4000K/5000K                          | 4000K/5000K                          |
|            | CRI                   | >80                                  | >80                                  | >80                                  | >80                                  |
| ELECTRICAL | Input Voltage         | 120-347VAC 50/60Hz                   | 120-347VAC 50/60Hz                   | 120-347VAC 50/60Hz                   | 120-347VAC 50/60Hz                   |
|            | PF                    | ≥0.9                                 | ≥0.9                                 | ≥0.9                                 | ≥0.9                                 |
|            | THD                   | ≤20%                                 | ≤20%                                 | ≤20%                                 | ≤20%                                 |
|            | Driver Model          | MOSO                                 | MOSO                                 | MOSO                                 | MOSO                                 |
| MATERIALS  | LED Type              | SMD2835 (0.5W)                       | SMD2835 (0.5W)                       | SMD2835 (0.5W)                       | SMD2835(0.5W)                        |
|            | LED QTY               | 400 PCS                              | 480 PCS                              | 640 PCS                              | 800 PCS                              |
|            | Housing               | Aluminum Alloy                       | Aluminum Alloy                       | Aluminum Alloy                       | Aluminum Alloy                       |
|            | Cover                 | Clear PC cover                       | Clear PC cover                       | Clear PC cover                       | Clear PC cover                       |
|            | Waterproof Rating     | WET (IP65)                           | WET (IP65)                           | WET (IP65)                           | WET(IP65)                            |
| OTHERS     | Operating Temperature | -40°C TO 50°C                        | -40°C TO 50°C                        | -40°C TO 50°C                        | -40°C TO 50°C                        |
|            | Operating Humidity    | 10%-90% RH                           | 10%-90% RH                           | 10%-90% RH                           | 10%-90% RH                           |
|            | Storage Temperature   | -40°C TO 80°C                        | -40°C TO 80°C                        | -40°C TO 80°C                        | -40°C TO 80°C                        |
|            | Storage Humidity      | 10%-95% RH                           | 10%-95% RH                           | 10%-95% RH                           | 10%-95% RH                           |
|            | Warranty Time         | 5 Years                              | 5 Years                              | 5 Years                              | 5 Years                              |

## ADVANTAGE

- UL cUL certificate.
- IP65 driver, input voltage 120-347VAC.
- 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.



MOSO



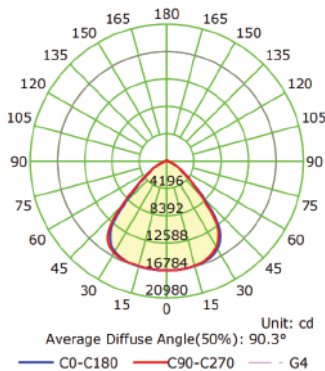
## LIGHT DISTRIBUTION TESTING PARAMETERS (150W)

### Photometric Results

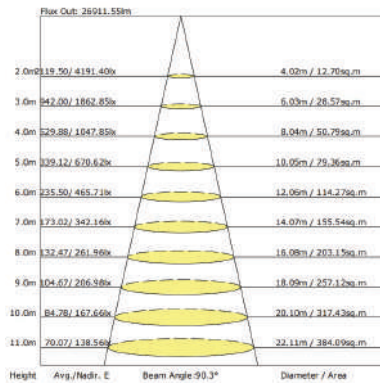
CIE Class: Direct  
 Measurement Flux: 22671.3 lm  
 Downward Ratio: 99%  
 Horizontal Diffuse Angle(10%,50%): H127,H90.1  
 Vertical Diffuse Angle(10%,50%): V127.5,V89.9  
 Luminaire Efficacy Rating (LER): 149.89  
 Max. Intensity: 10825.47 cd  
 S/MH(C0/C180): 1.37

Total Rated Lamp Lumens: 22671.3 lm  
 Efficiency: 100%  
 Upward Ratio: 1%  
 Central Intensity: 10824.27 cd  
 Pos of Max. Intensity: H22.5 V2  
 S/MH(C90/C270): 1.37

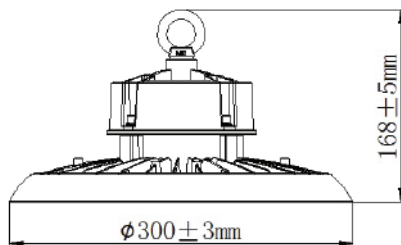
Luminous Intensity Distribution Curve



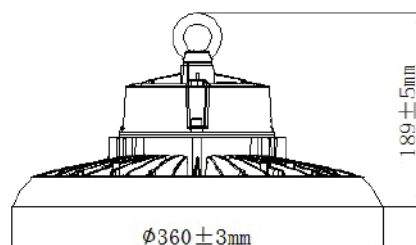
The Average Illuminance Effective Figure



## DIMENSIONS



100-150W



200-240W

