

Project : _____
 Type : _____
 Drawn by : _____
 Catalogue No. : _____
 Date : _____



Specifications

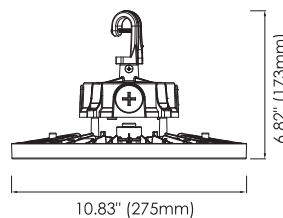
| Model No. | | <input type="checkbox"/> AST-HB28-150WS1AT2C2-BH35/40/50WD | <input type="checkbox"/> AST-HB28-150WS1AT2C2-WH35/40/50WD | <input type="checkbox"/> AST-HB28-240WS1AT2C2-BH35/40/50WD |
|------------------------|-------------------------|--|--|--|
| General | Watts | 150W/100W/80W Adj | 150W/100W/80W Adj | 240W/210W/180W Adj |
| | HID Equivalent | 450W | 450W | 720W |
| | Lumen | 22000Lm/15000Lm/12000Lm | 22000Lm/15000Lm/12000Lm | 35000Lm/31000Lm/27000Lm |
| | CCT | 3500K/4000K/5000K Adj | 3500K/4000K/5000K Adj | 3500K/4000K/5000K Adj |
| | Volts | AC120-347V | AC120-347V | AC120-347V |
| | CRI | >80 | >80 | >80 |
| | Beam Angel | 90degree | 90degree | 90degree |
| | Hours Rated | 50000hours | 50000hours | 50000hours |
| Electrical | Operating Frequency | 50-60Hz | 50-60Hz | 50-60Hz |
| | Power Factor | >0.9 | >0.9 | >0.9 |
| | Surge Protection | Built-in surge protection-6KV | Built-in surge protection-6KV | Built-in surge protection-6KV |
| Operating Temperature | -40C(-40F) TO 50C(122F) | -40C(-40F) TO 50C(122F) | -40C(-40F) TO 50C(122F) | |
| Physical | MOL | 6.82in | 6.82in | 6.82in |
| | MOD | 10.83in | 10.83in | 12.6in |
| | Lens Material | PC | PC | PC |
| | Housing Color | Black | White | Black |
| | Weight (lbs) | 5.2 | 5.2 | 6.6 |
| | IK Rating | IK08 | IK08 | IK08 |
| Additional Information | Additional Info | CCT+Power adjustable | CCT+Power adjustable | CCT+Power adjustable |
| | Warranty | 5 years | 5 years | 5 years |
| Compliance | Safety Listing | cULus-listed | cULus-listed | cULus-listed |
| | Location Rating | Wet | Wet | Wet |
| | Energy Star | No | No | No |
| | DLC Approved | Yes, 6 Premium | Yes, 6 Premium | Yes, 6 Premium |
| DLC ID | Under Application | Under Application | Under Application | |

Features & Specifications

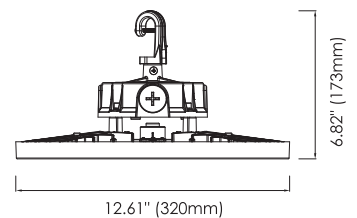
| | |
|-------------------------|---|
| Construction | <ul style="list-style-type: none"> • Clear polycarbonate lens over LEDs provides a high light efficacy. Standard 90° beam angle • CCT and Power Select switches are inside the driver housing • 6' power cable and 1' dimming cable included in all luminaires • Integrated sensor receptacle makes for easy plug-and-play installation of microwave sensor. No wiring required. Sensor are sold separately • Reflector features a density of 1.20 g/cm³, a tensile modulus of 2400 MPa, and a notched impact strength of 76 kJ/m² |
| Mounting | <ul style="list-style-type: none"> • Hook mount |
| Performance Data | <ul style="list-style-type: none"> • Available in 3500K/4000K/5000K selectable • 80+ CRI • Electrical ratings: 120-347 VAC • Estimated life of over 100 000 hours to L70 • Sosen 0-10 V dimming driver • 6kV surge protection (standard) • Operating temperature: -40°C to 50°C (-40°F to 122°F) |
| Compliances | <ul style="list-style-type: none"> • cULus certified for wet locations • IP65 • Meets NSF requirements (Splash Zone and Non Food Zone) • DLC Premium |

Dimensions & Weights

| Model | 80-150W | 180-240W |
|------------------|--------------|-------------|
| Diameter in.(cm) | 10.83 (27.5) | 12.6 (32) |
| Height in. (cm) | 6.82 (17.3) | 6.82 (17.3) |
| Net weight (lbs) | 5.2 | 6.6 |



80/100/150 W



180/210/240 W

Product Details

- 6' Power and 1' Dimming cables included with each luminaire



Compatible Dimmers

| Brand | Model |
|---------|-------------------|
| LUTON | NTSTV-DV |
| LEVITON | DS710-10Z / IP710 |
| LEGRAND | RH4FBL3PW |

Dimming range : 10%-100%

This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance.

Read and comply to the dimmer installation instructions. Some dimmers may require more than one product for stable operation.

recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

Occupancy Sensors

| Part Number | Position | Volt (V) | Technology | Height (Ft) | DetectionArea (%) | Time setting (Min) | Light control(Lux) | IP rating | Temperature (°C) |
|---------------|----------|------------|------------|-------------|---------------------------|--|-----------------------------|-----------|------------------------------|
| UFO DC Sensor | External | 12V-24V DC | Microwave | 40 (max) | 20%, 50%, 75%, 100%(1-8M) | 10s, 1min, 5min, 10min, 15min 20min, 30min, 60min | 24H, 10LUX, 30LUX, 50LUX | IP65 | -20°C~+60°C (-4°F~+140°F) |

Note: Warm up time is 15 seconds. After that sensor connects input power first time, the light will keep on 15 seconds then go to dimming to work normally. Any other setting change by Remote Control

Default Setting:

- Brightness : 100% ,
- Hold Time : 5 Min
- Stand-by Dim level : 30%
- Stand-by Time: 60 Min
- Sensitivity : 100%
- Day Light : Off



Accessories (Order Separately)

| Order Code | Compatible With |
|----------------|-----------------|
| UFO Reflector | UHB28 150W 240W |
| UFO DC Sensor | UHB28 150W 240W |
| Remote Control | UHB28 150W 240W |



Lumen Details

| Model No.: | Watts (W) | 3500K | 4000K | 5000K |
|-----------------------------------|-----------|-------------------|-------------------|-------------------|
| | | Lumen Output (LM) | Lumen Output (LM) | Lumen Output (LM) |
| AST-HB28-150WS1AT2C2-BH35/40/50WD | 80W | 12320LM | 22800LM | 12560LM |
| | 100W | 14800LM | 15700LM | 15000LM |
| | 150W | 21150LM | 12960LM | 21450LM |
| | 180W | 26640LM | 28260LM | 27000LM |
| AST-HB28-240WS1AT2C2-BH35/40/50WD | 210W | 30240LM | 32550LM | 30660LM |
| | 240W | 33600LM | 36000LM | 34080LM |

