

PROJECT: \_\_\_\_\_

CATALOG #: \_\_\_\_\_

FIXTURE TYPE: \_\_\_\_\_

NOTES: \_\_\_\_\_

## HE Series High Bay Gen 2



1' x 2'



2' x 2'



2' x 4'

The **HE Series High Bay Gen 2** provides high lumen output and efficiency in three sizes, 1' x 2', 2' x 2', and 2' x 4'. This luminaire has high temperature polycarbonate lens to reduce yellowing and directs light to desired locations.

### APPLICATIONS

Industrial, Education, and Retail applications, etc.

### REPLACEMENT

4 Lamp T8 32W, 4 Lamp T5HO 54W, 6 Lamp T5HO 54W,  
8 Lamp T5HO 54W, 10 Lamp T5HO 54W, 12 Lamp T5HO 54W



### PERFORMANCE INFORMATION

| SERIES NUMBER | WATT | LUMENS | CCT   | SIZE    |
|---------------|------|--------|-------|---------|
| HE 120 G2 4K  | 90W  | 12,200 | 4000K | 1' x 2' |
| HE 120 G2 5K  | 90W  | 12,400 | 5000K | 1' x 2' |
| HE 170 G2 4K  | 130W | 17,400 | 4000K | 1' x 2' |
| HE 170 G2 5K  | 130W | 17,600 | 5000K | 1' x 2' |
| HE 240 G2 4K  | 180W | 24,200 | 4000K | 2' x 2' |
| HE 240 G2 5K  | 180W | 24,500 | 5000K | 2' x 2' |
| HE 290 G2 4K  | 210W | 28,200 | 4000K | 2' x 2' |
| HE 290 G2 5K  | 210W | 28,500 | 5000K | 2' x 2' |
| HE 360 G2 4K  | 270W | 35,500 | 4000K | 2' x 4' |
| HE 360 G2 5K  | 270W | 36,000 | 5000K | 2' x 4' |
| HE 400 G2 4K  | 300W | 39,500 | 4000K | 2' x 4' |
| HE 400 G2 5K  | 300W | 40,000 | 5000K | 2' x 4' |
| HE 500 G2 4K  | 370W | 49,500 | 4000K | 2' x 4' |
| HE 500 G2 5K  | 370W | 50,350 | 5000K | 2' x 4' |

### ORDERING GUIDE

EXAMPLE: HE 120 G2 4K

| Luminaire Type               | Lumen Output                                                                                                                                                                                     | Optic Lens                     | Generation | Voltage                                              | CCT                                      | Finish                  | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|------------------------------------------------------|------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>HE</b><br>Lensed High Bay | <b>120</b> 12,200 Lumens<br><b>170</b> 17,400 Lumens<br><b>240</b> 24,200 Lumens<br><b>290</b> 28,200 Lumens<br><b>360</b> 35,500 Lumens<br><b>400</b> 39,500 Lumens<br><b>500</b> 49,500 Lumens | <b>BLANK</b> =<br>Frosted Lens | <b>G2</b>  | <b>BLANK</b> =<br>120-277V<br><b>HVU</b><br>347-480V | <b>4K</b><br>4000K<br><b>5K</b><br>5000K | <b>BLANK</b> =<br>White | <b>BLANK</b> =No Option<br><b>MS-FSP-212</b> =Motion Sensor<br>(Choose 1)<br><b>L3</b> = L3 Lens (Max. 20ft mounting height)<br><b>L7</b> =L7 Lens (Max. 40ft mounting height)<br><b>HBP-112-L7-OEM</b> =High/Low-Bay PIR On/Off Sensor<br><b>EL UNV-8W</b> = 8W Emergency Battery Kit<br><b>EL UNV-16W</b> =16W Emergency Battery Kit<br><b>SPD-277</b> = 5KA/10KV Surge Protection device, single phase protection with 120-277V input<br><b>SPD-480</b> = 10KA/20KV Surge Protection device, single phase protection with 277-480V input<br><b>CS1</b> = 6ft cord, Straight Blade Plug Type for 120V, Black<br><b>CS2</b> =6ft cord, Twist-lock Plug Type for 120-277V Black<br><b>CS3</b> = 6ft cord, 600V 12/2 MC Solid Cable, No Plug<br><b>CS4</b> =6ft cord, 600V SO Black Cord (No Voltage Required), No Plug<br><b>HE-PM</b> =Pendant Monopoint Splice Box for HE 240, 290<br><b>HL-PM</b> = Pendant Monopoint Splice Box for HE 360, 400, 500 |

Due to continuous product improvements, specification and/or equipment updates may change without notice.

## SPECIFICATIONS

### HOUSING

Aluminum alloy

### AMBIENT TEMPERATURE

Suitable for use in -40°C to 55°C (-40°F to 131 °F)

### MOUNTING

Aircraft cable included or Pendant mount

### EFFICACY

Up to 136 lumens per watt (see individual wattage data)

### CCT AND CRI

4000K and 5000K CCT available; 80CRI

### LENS

Frosted diffuser polycarbonate lens

### WARRANTY

10-year limited warranty. Comprehensive warranty terms can be located on [www.slgus.com](http://www.slgus.com).

### ELECTRICAL

Class 2 Constant Current Driver efficiency (90% standard); 50/60Hz available in 120-277V or 347-480V; 0-10V Dimming standard.

### ENERGY DATA

Power factor above 90%.

### FINISH

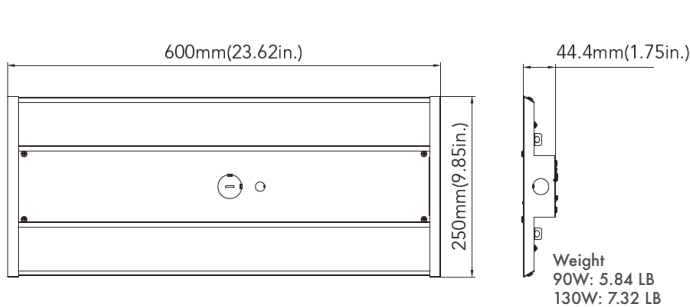
White coat finish

### CERTIFICATIONS

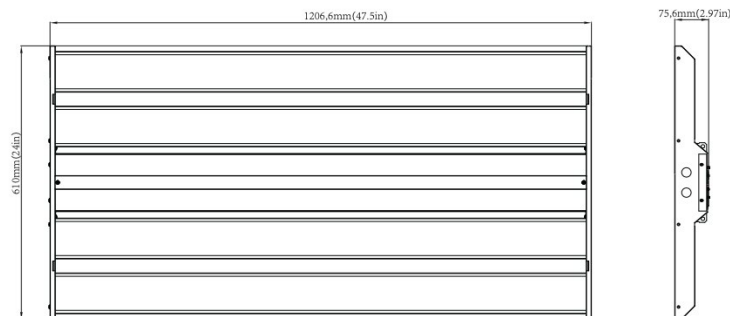
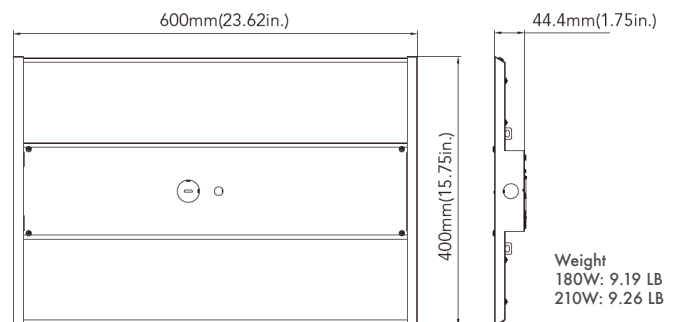
UL Listed for damp locations. FCC compliant. RoHs compliant. Design Lights Consortium® (DLC) Premium qualified product.

## DIMENSIONS

### 90W/130W



### 180W/210W



### 270W/300W/370W

Weight  
270W: 22.46 LB  
300W: 22.49 LB

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## OPTIONS



**MS-FSP-212**  
Dimmable Motion Sensor



**MS-FSP-L3/L7**  
Lens

The **MS-FSP-212** provides multi-level control base on motion and daylight level. Requires L3 or L7 lens depending the mounting height.

| Operation Voltage | Shape | Adjustable Time Delay | Fade Down Time | Operating Temperature | Mounting Height For MS-FSP-L3 | Mounting Height For MS-FSP-L7 |
|-------------------|-------|-----------------------|----------------|-----------------------|-------------------------------|-------------------------------|
| 120/277V          | Cone  | 30 sec - 30 min       | 0-10 sec       | -40°F to 158°F        | 20 ft*                        | 40 ft**                       |

\*Covers a 40 ft diameter when mounting height is 20 ft. Coverage is equal to 2x the height.

\*\*Covers a 100 ft diameter when mounting height is 40 ft. Coverage is equal to 2.5x the height



**M1 (HBP-112-L7-OEM)**  
High/Low-Bay PIR On/Off Sensor

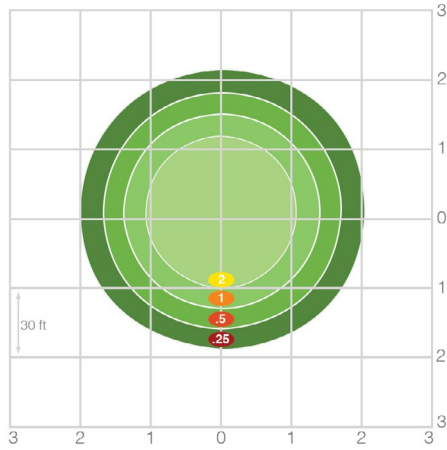
The **HBP-112-L7-OEM** on/off PIR motion sensor ideal for warehouses, distribution centers, gymnasiums, and other indoor applications.

| Operation Voltage      | Mounting Height | Coverage     | Shape | Adjustable Time Delay                 | Operating Temperature        | Applications |
|------------------------|-----------------|--------------|-------|---------------------------------------|------------------------------|--------------|
| 120V/<br>277V/<br>347V | 15-40 ft        | 2.5x Height* | Cone  | 5/10/15/20/30 min.<br>Default 15 min. | 0°C to 70°C<br>32°F to 158°F | Indoor Only  |

\*Covers a 100 ft diameter when the mounting height is 40 ft.

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## PHOTOMETRIC



HE 240 G2 5K

|                 |     |     |     |     |     |
|-----------------|-----|-----|-----|-----|-----|
| Mounting Height | 20  | 25  | 30  | 35  | 40  |
| Multiplier      | 2.3 | 1.4 | 1.0 | 0.7 | 0.6 |

## PERFORMANCE COMPARISON

| Product Series | Wattage | Lumens    | Efficacy (Lm/W) | Replaces            | Voltage              | Max Mounting Height | DLC     |
|----------------|---------|-----------|-----------------|---------------------|----------------------|---------------------|---------|
| HE 120 G2      | 90W     | 12,200 Lm | 136 Lm/W        | 4 Lamp<br>T8 32W    | 120-277V<br>347-480V | 15-25 ft            | Premium |
| HE 170 G2      | 130W    | 17,400 Lm | 134 Lm/W        | 4 Lamp<br>T5HO 54W  | 120-277V<br>347-480V | 20-35 ft            | Premium |
| HE 240 G2      | 180W    | 24,200 Lm | 134 Lm/W        | 6 Lamp<br>T5HO 54W  | 120-277V<br>347-480V | 25-40 ft            | Premium |
| HE 290 G2      | 210W    | 28,200 Lm | 134 Lm/W        | 8 Lamp<br>T5HO 54W  | 120-277V<br>347-480V | 30-40 ft            | Premium |
| HE 360 G2      | 270W    | 35,500 Lm | 131 Lm/W        | 10 Lamp<br>T5HO 54W | 120-277V             | 35-45 ft            | Premium |
| HE 400 G2      | 300W    | 39,500 Lm | 132 Lm/W        | 10 Lamp<br>T5HO 54W | 120-277V             | Up to 50 ft         | Premium |
| HE 500 G2      | 370W    | 49,500 Lm | 134 Lm/W        | 12 Lamp<br>T5HO 54W | 120-277V             | Up to 50 ft         | Premium |

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## ELECTRICAL LOAD

|               |         | Current (A) |      |      |      |      |      |
|---------------|---------|-------------|------|------|------|------|------|
| Series Number | Wattage | 120V        | 208V | 240V | 277V | 347V | 480V |
| HE 120 G2 5K  | 90W     | 0.75        | 0.43 | 0.38 | 0.32 | 0.26 | 0.19 |
| HE 170 G2 5K  | 130W    | 1.08        | 0.63 | 0.54 | 0.47 | 0.37 | 0.27 |
| HE 240 G2 5K  | 180W    | 1.50        | 0.87 | 0.75 | 0.65 | 0.52 | 0.38 |
| HE 290 G2 5K  | 210W    | 1.75        | 1.01 | 0.88 | 0.76 | 0.61 | 0.44 |
| HE 360 G2 5K  | 270W    | 2.25        | 1.30 | 1.13 | 0.97 | 0.78 | 0.56 |
| HE 400 G2 5K  | 300W    | 2.50        | 1.44 | 1.25 | 1.08 | 0.86 | 0.63 |
| HE 500 G2 5K  | 370W    | 3.08        | 1.78 | 1.54 | 1.34 | 1.07 | 0.77 |

## PROJECTED LUMINAIRE MAINTENANCE

|                     |  | Operating Hours |        |        |        |        |         |
|---------------------|--|-----------------|--------|--------|--------|--------|---------|
| Ambient Temperature |  | 0               | 10,000 | 25,000 | 50,000 | 75,000 | 100,000 |
| 25°C / 77°F         |  | 1               | 0.98   | 0.95   | 0.86   | 0.79   | 0.72    |

## AMBIENT TEMPERATURE RATING

| Mounting                    | Suspended    | Surface      |
|-----------------------------|--------------|--------------|
| Standard Temperature Rating | 131°F / 55°C | 113°F / 45°C |

## PROJECTED LUMINAIRE MAINTENANCE

| Ambient Temperature |       | Lumen Multiplier |
|---------------------|-------|------------------|
| 0°C                 | 32°F  | 1.03             |
| 5°C                 | 41°F  | 1.03             |
| 10°C                | 50°F  | 1.021            |
| 15°C                | 59°F  | 1.01             |
| 20°C                | 68°F  | 1.01             |
| 25°C                | 77°F  | 1.00             |
| 30°C                | 86°F  | .98              |
| 35°C                | 95°F  | .89              |
| 40°C                | 104°F | .79              |

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