

PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 FIXTURE TYPE: \_\_\_\_\_  
 NOTES: \_\_\_\_\_

## HE Series High Bay Gen 1



The **HE Series High Bay** provides high lumen output and efficiency in three sizes, 1' x 2', 2' x 2', and 2' x 4'. This luminaire has high temperature acrylic 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



### PERFORMANCE INFORMATION

SERIES NUMBER	WATT	LUMENS	CCT	SIZE
HE 120 G1 4K	90W	11,990	4000K	1' x 2'
HE 120 G1 5K	90W	12,100	5000K	2' x 2'
HE 170 G1 4K	130W	17,490	4000K	2' x 2'
HE 170 G1 5K	130W	17,650	5000K	2' x 2'
HE 240 G1 4K	180W	23,753	4000K	2' x 2'
HE 240 G1 5K	180W	24,200	5000K	2' x 2'
HE 290 G1 4K	205W	28,700	4000K	2' x 2'
HE 290 G1 5K	205W	29,000	5000K	2' x 2'
HE 360 G1 4K	270W	35,500	4000K	2' x 4'
HE 360 G1 5K	270W	36,000	5000K	2' x 4'
HE 400 G1 4K	300W	39,500	4000K	2' x 4'
HE 400 G1 5K	300W	40,000	5000K	2' x 4'

ORDERING GUIDE			EXAMPLE: HE 120 G1 5K				
Luminaire Type	Lumen Output	Optic Lens	Generation	Voltage	CCT	Finish	Options
<b>HE</b> Lensed High Bay	<b>120</b> 12,100 Lumens	<b>BLANK=</b> Frosted Lens	<b>G1</b>	<b>BLANK=</b> 120-277V <b>HVU</b> 347-480V	<b>40K</b> 4000K <b>50K</b> 5000K	<b>BLANK=</b> White	<b>BLANK=</b> No Option <b>MS-FSP-212=</b> Motion Sensor (Choose 1) <b>L3=</b> 40' diameter lens <b>L7=</b> 100' diameter lens <b>HBP-112-L7-OEM=</b> High/Low-Bay PIR On/Off Sensor <b>EL UNV 1=</b> Emergency Battery Kit
	<b>170</b> 17,650 Lumens						
	<b>240</b> 24,200 Lumens						
	<b>290</b> 29,000 Lumens						
	<b>360</b> 36,000 Lumens <b>400</b> 40,000 Lumens						

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

## SPECIFICATIONS

### HOUSING

Aluminum alloy with White coat finish

### AMBIENT TEMPERATURE

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

### MOUNTING

Aircraft cable included or Pendent mount

### EFFICACY

Up to 142 lumens per watt (see individual wattage data)

### CCT AND CRI

4000K and 5000K CCT available; 80CRI

### OPTICS

Frosted diffuser 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, equal to IP65 Rating. FCC compliant. RoHs compliant. Design Lights Consortium® (DLC) Premium qualified product. Some product models may not be DLC qualified. Please check the DLC Qualified Products List at [www.slgus.com/DLC](http://www.slgus.com/DLC).

## 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

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## OPTIONS CONTINUED



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

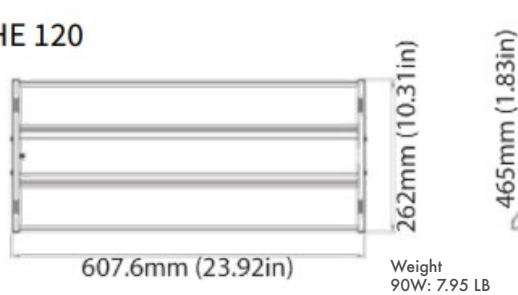
The **HBP-112-L7-OEM** on/off PIR motion sensor ideal for for warehouses, distribution centers, gymnasiums, and other indoor applications.

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

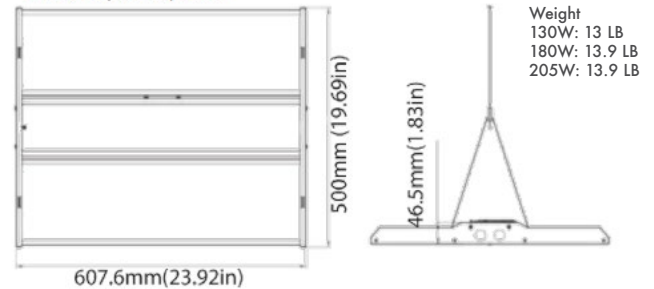
\* Covers a 100 ft diameter when the mounting height is 40 ft.

## DIMENSIONS

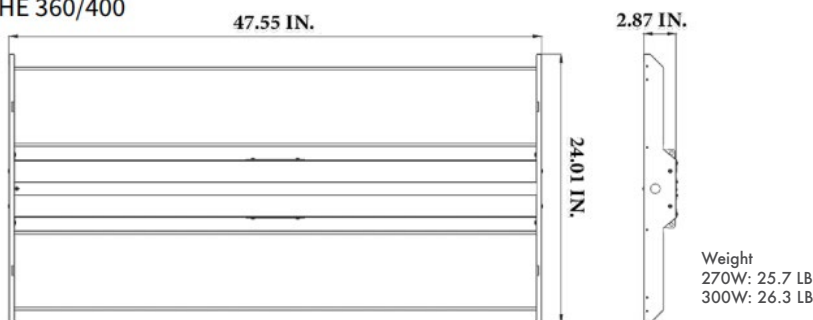
### HE 120



### HE 170 / 240 / 290

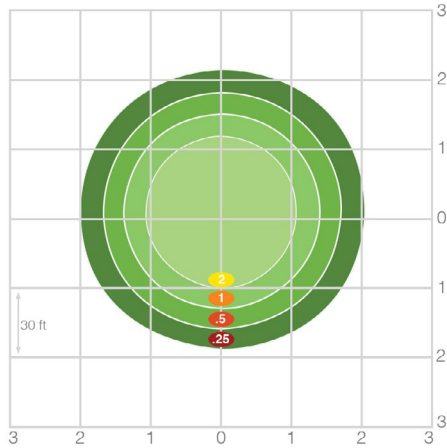


### HE 360/400



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## PHOTOMETRIC



HE 240 G1 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 (LPW)	Replaces	Voltage	Max Mounting Height	DLC
HE 120	90W	12,100 Lm	134 Lm/W	4 Lamp T8 32W	120-277V	15-25 ft	Premium
HE 170	130W	17,650 Lm	136 Lm/W	4 Lamp T5HO 54W	120-277V	20-35 ft	Premium
HE 240	180W	24,200	134 Lm/W	6 Lamp T5HO 54W	120-277V	25-40 ft	Premium
HE 290	205W	29,000	141 Lm/W	8 Lamp T5HO 54W	120-277V	30-40 ft	Pending
HE 360	270W	36,000	133 Lm/W	10 Lamp T5HO 54W	120-277V	35-45 ft	Premium
HE 400	300W	40,000	133 Lm/W	12 Lamp 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 G1 5K	90W	0.75	0.43	0.38	0.32	0.26	0.19
HE 170 G1 5K	130W	1.08	0.63	0.54	0.47	0.37	0.27
HE 240 G1 5K	180W	1.50	0.87	0.75	0.65	0.52	0.36
HE 290 G1 5K	205W	1.70	0.98	0.85	0.74	0.59	0.42
HE 360 G1 5K	270W	2.25	1.29	1.12	0.97	0.77	0.56
HE 400 G1 5K	300W	2.50	1.44	1.25	1.08	0.86	0.62

## PROJECTED LUMINAIRE MAINTENANCE

		Current (A)					
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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