

# HE SERIES HIGH BAY

2x2

2x4



Finish Color



White



The SLG HE Series High Bay provides higher lumen output, greater energy efficiency, and more reliable fixture performance. High temperature acrylic lens reduces yellowing and directs the light to desired locations.

**Applications:** illuminating warehouses, fabrication and assembly areas, as well as gymnasiums, grocery stores, school

**Replacement:** 4-Lamp T8 32W, 4-Lamp T5HO 54W, 6-Lamp T5HO 54W,

## PERFORMANCE INFORMATION\*

SERIES NUMBER	POWER	DELIVER LUMENS	CCT	SIZE
HE 120 G1 4K	90W	12,000	4000K	1x2
HE 120 G1 5K	90W	12,600	5000K	2x2
HE 170 G1 4K	130W	17,800	4000K	2x2
HE 170 G1 5K	130W	18,000	5000K	2x2
HE 240 G1 4K	180W	24,000	4000K	2x2
HE 240 G1 5K	180W	24,500	5000K	2x2
HE 290 G1 4K	205W	28,700	4000K	2x2
HE 290 G1 5K	205W	29,000	5000K	2x2
HE 360 G1 4K	270W	35,600	4000K	2x4
HE 360 G1 5K	270W	36,000	5000K	2x4
HE 400 G1 4K	300W	40,000	4000K	2x4
HE 400 G1 5K	300W	40,000	5000K	2x4

Project:	
Catalog No.:	
Fixture Type:	
Notes:	

## SPECIFICATIONS

### HOUSING

Fabricated 22Ga Steel

### AMBIENT TEMPERATURE

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

### MOUNTING

Chain hanging hardware included or Pendent mount

### EFFICACY

Up to 134 lumen's per watt (see individual wattage data)

### CCT AND CRI

4000K and 5000K CCT available; 80CRI

### OPTICS

Wide lens

### FASTENERS

Stainless Steel

### ENCLOSURE

Frosted diffuser pattern.

### WARRANTY

10 year limited warranty. Complete warranty terms located at:

[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; Open/short circuit protection; 10K Surge protector per ANSI/ IEEE C62.41.2; 0-10V Dimming standard.

### FINISH

Polyester Powder White finish. Multi-stage process produces 3 mil thickness for superior corrosion resistance and maximum durability.

### CERTIFICATIONS

UL Listed for damp locations. FCC compliant. RoHs compliant.

Design Lights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.slgus.com/DLC](http://www.slgus.com/DLC) to confirm which versions are qualified.

## ORDERING GUIDE

Luminaire Type	Lumen Output*	OPTIC LENS	Generation	Voltage	CCT	Finish	Options
HE LED Highbay	120 12,600 Lumens	Blank Frosted Lens	G1	Standard 120-277V HVU 347-480V	4K 4000K 5K 5000K	Standard White	Standard No Option M Motion Sensor Option EL Emergency Battery Option
	170 18,000 Lumens						
	240 24,500 Lumens						
	290 29,000 Lumens						
	360 36,000 Lumens						
	400 40,000 Lumens						

Standard driver operates on any line voltage from 120-277V (50/60 Hz).

\* Data as report to DLC, actual test results may vary.

## EXAMPLE: HE 120 G1 4K



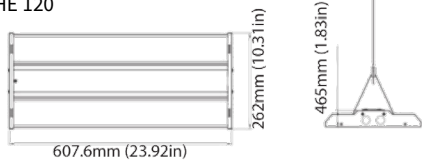
**SLG Lighting**

10643 W. Airport Blvd. Suite 400, Stafford, Texas 77477  
Email: [support@slgus.com](mailto:support@slgus.com) | Phone: (832) 939-8412 | [www.slgus.com](http://www.slgus.com)

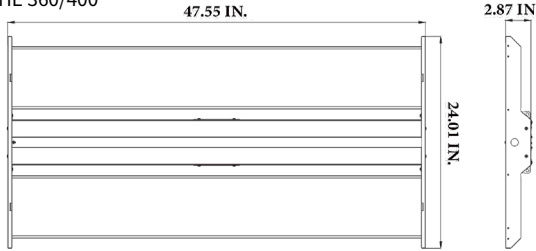
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## DIMENSIONS

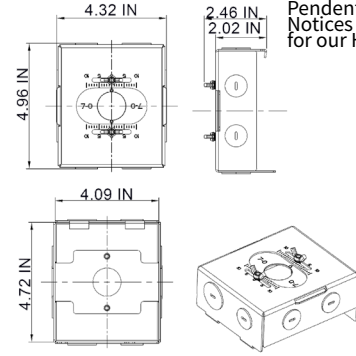
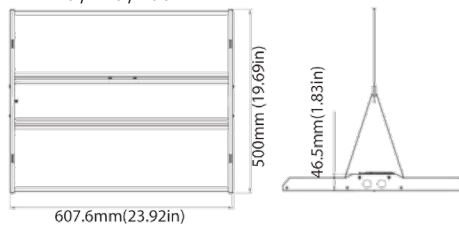
HE 120



HE 360/400



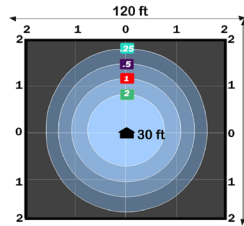
HE 170 / 240 / 290



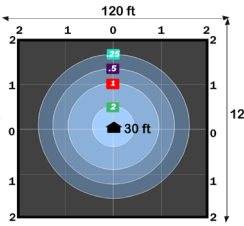
Pendent Mount Kit Dimension:  
Notices this kit is only available  
for our HE 170 and HE 240.

## PHOTOMETRIC

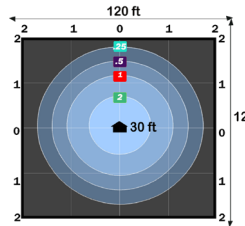
HE 120 (30 Feet Mounting)



HE 170 (30 Feet Mounting)



HE 240 (30 Feet Mounting)



Multiplier	2.3	1.4	1.0	0.7	0.6	0.4	0.3
Mounting Height	20	25	30	35	40	45	50

Grid scales: Multiples of mounting height Values shown in footcandle.

## ELECTRICAL LOAD

Series Number	Wattage	Current (A)					
		120V	208V	240V	277V	347V	480V
HE 120 G1 5K	90 Watts	0.75	0.43	0.38	0.32	0.26	0.19
HE 170 G1 5K	130 Watts	1.08	0.63	0.54	0.47	0.37	0.27
HE 240 G1 5K	180 Watts	1.5	0.87	0.75	0.65	0.52	0.36
HE 290 G1 5K	205 Watts	1.7	0.98	0.85	0.74	0.59	0.42
HE 360 G1 5K	270 Watts	2.25	1.29	1.12	0.97	0.77	0.56
HE 400 G1 5K	300 Watts	2.5	1.44	1.25	1.08	0.86	0.62

## ACCESSORIES INFORMATION (sold separately; in-house installed)

Order Code	Item#	Description
<b>M1</b>	HBP-112-L1-OEM	High/Low-Bay PIR Sensor 120/277/347 VAC, White, w/Lens bulk, 360° coverage from 15'-40'
<b>M2</b>	MS-FSP-212	Fixture Intergrated PIR Outdoor Motion/Photo sensors,120-277V AC, 1-10V Adjustable Dim level,IP66 Rated
<b>M2-L3</b>	MS-FSP-L3	L3-360° lens, maximum coverage 40' diameter from 20' height
<b>M2-L7</b>	MS-FSP-L7	L7-360° lens, maximum coverage 100' diameter from 40' height
<b>EL</b>	EL UNV 1	Emergency Backup Controller, 8W-Q,8W,9.6V,1500mAH,Lithium iron phosphate Battery(LiFeP04) EM-0825-010/105P2, 120-277VAC,25W MAX

Note: for more informations on part numbers, please contact an SLG agent.

## MOTION SENSOR SETTING

The Wattstopper offer an extensive line of both indoor and outdoor occupancy sensors utilizing a variety of sensing technologies to ensure optimal performance in any environment.

### Technical Information:

- Photosensor Range:** 1-250 fc



Motion Sensor	Day Lighting Control	High / Low Dim	Time Delay	Auto On	Auto Off	Load Rating	Current Consumption	Operating Temperature
FSP-212	Yes	Low Dim	30 Sec-30 min	5 fc	10 fc	1/6hp	10mA	-40°F - 158°F

Scan for more information



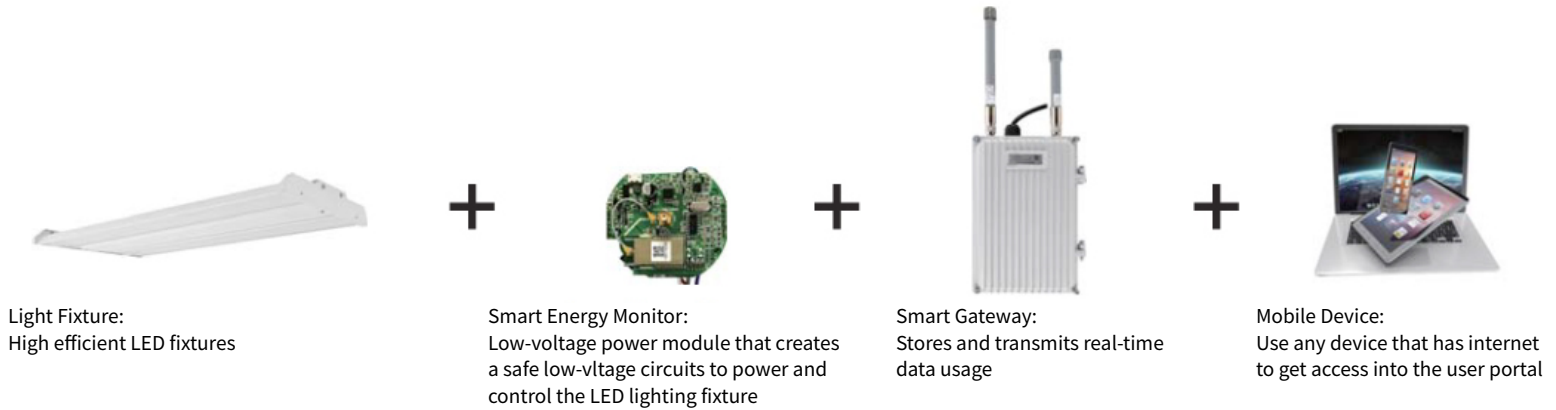
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## WIRELESS LIGHTING CONTROL SYSTEM (Optional)

Integrate with our smart wireless lighting control system for indoor or outdoor. This unique technology inside the system enables customer to remotely monitor and operate all fixtures through a web-enabled central management system. You can use any device that has internet such as an smart phone, computer, or tablet to access the user portal of the system. Application for wireless control system includes parking lot, street, roadway, and commercial lights.



## PROJECTED LUMINAIRE MAINTENANCE







Ambient Temperature	OPERATING HOURS					
	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		Lumen Multiplier
0°C	32°F	1.03
5°C	41°F	1.03
10°C	50°F	1.02
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

## AMBIENT TEMPERATURE RATINGS:

Mounting	Suspended	Surface
Standard Temperature Rating	131°F (55°C)	113°F (45°C)

## PERFORMANCE COMPARISON

	Product Series	LED Watts	Lumen Output	Lumens Per/Watt	REPLACES	Voltage	Max. Mounting Height	DLC
	HE 120	90W	12,100 Lm	134 Lm/W	4 Lamp T8 32W	120-277V	15-25Ft	
	HE 170	130W	17,650 Lm	136 Lm/W	4 Lamp T5HO 54W	120-277V	20-35Ft	
	HE 240	180W	24,200 Lm	134 Lm/W	6 Lamp T5HO 54W	120-277V	25-40Ft	
	HE 290	205W	29,000 Lm	141 Lm/W	8 Lamp T5HO 54W	120-277V	30-40Ft	
	HE 360	270W	36,000 Lm	133 Lm/W	10 Lamp T5HO 54W	120-277V	35-45Ft	
	HE 400	300W	40,000 Lm	133 Lm/W	12 Lamp T5HO 54W	120-277V	Up to 50 Ft	



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