SLG LIGHTING GENERATION 2

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.



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.

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 5.1 qualified product. Not all versions of this product may be DLC qualified. Please visit www.slgus.com to confirm which versions are qualified.

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

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ORDERING GUIDE

EXAMPLE: HE 120 G2 4K

Luminaire Type	Lumen Output (wattage shown for reference) 240	Optic Lens	Generation	Voltage	CCT	Finish
☐ **HE** Lensed High Bay	☐ **120** 12,200 Lumens (90W) ☐ **170** 17,400 Lumens (130W) ☐ **240** 24,200 Lumens (180W) ☐ **290** 28,200 Lumens (210W) ☐ **360** 35,500 Lumens (270W) ☐ **400** 39,500 Lumens (300W) ☐ **500** 49,500 Lumens (370W)	☐ **BLANK=** Frosted Lens	☐ **G2**	☐ **BLANK=** 120-277V ☐ **HVU** 347-480V	☐ **4K** 4000K ☐ **5K** 5000K	☐ **BLANK=** White

OPTIONS

Individual Control	Advanced Wireless Control	Emergency Backup	Surge Protector	Cord Sets	Wire Guard & Accessories
☐ **BLANK=** No Motion Sensor ☐ **MS-FSP-211=**Motion Sensor (Choose 1) ☐ **L3=** L3 Lens (Max. 20ft mounting height) ☐ **L7=**L7 Lens (Max. 40ft mounting height) ☐ **MS-FSIR-100=**Wireless commissioning tool ☐ **HBP-112-L7-OEM=**High/Low-Bay PIR On/Off Sensor ☐ **MS-LPS-202-L3=** PIR Motion Sensor with 360° L3 Lens, Max 40ft mounting height	☐ **BLANK=** No Wireless Control ☐ **AVI-LVFA-1CH-12-24VDC** Bluetooth Controller (Check compatibility) ☐ **AVI-LVFA-1CH-12-24VDC-PIR** Bluetooth Controller with occupancy and daylight sensor (Check compatibility) ☐ **AVI-IFAC-5A** Bluetooth Controller with Relay (Check compatibility)	☐ **BLANK=** No Emergency Backup ☐ **EL UNV-8W=** 8W Emergency Battery Kit ☐ **EL UNV-16W=**16W Emergency Battery Kit	☐ **SPD-277=** 5KA/10KV Surge Protection device, single phase protection with 120-277V input ☐ **SPD-480=** 10KA/20KV Surge Protection device, single phase protection with 277-480V input	☐ **BLANK** Standard 1.5ft Black, White, Green lead wires ☐ **CS1** 6 ft power cord, Straight Cord, 18 gauge, 3 conductors, Black, Voltage will match fixture ☐ **CS2** 6 ft power cord, Twist-Lock Plug Type, 3 conductors, Black, Optional with L5-15P, L5-20P, L6-15P, L7-15P, L7-20P, L8-20P. Gauge and voltage will match fixture. (Please confirm with SLG Sales before placing the order) ☐ **CS3** 6 ft power cord, 12 Gauge, 3 conductors, MC Solid Cable, No Plug, Voltage will match fixture ☐ **CS4** 6 ft power cord, 16 Gauge, 3 conductors, SO Black Cord , No Plug, Voltage will match fixture ☐ **CS5** 6 ft power cord, 18 Gauge, 5 conductors (Bring dimming leads out of fixture), Black cord, No Plug, Voltage will match fixture	☐ **WG-HE12** Wire Guard for 1' X 2' (HE 120/170) (2pcs for each fixture) ☐ **WG-HE22** Wire Guard for 2' X 2' (HE 240/290) (2pcs for each fixture) ☐ **WG-HE24** Wire Guard for 2' X 4' (HE 360/400/500) (2pcs for each fixture) ☐ **HE-PM=**Pendant Monopoint Splice Box for HE 240, 290 ☐ **HL-PM=** Pendant Monopoint Splice Box for HE 360, 400, 500

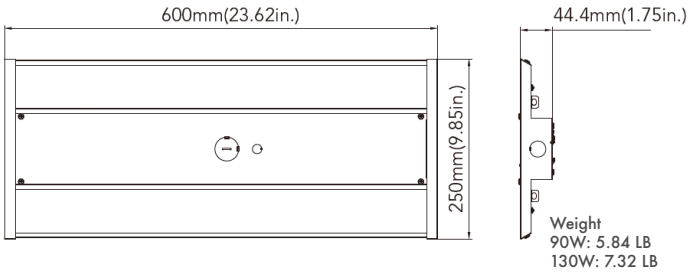
Wattage	Approx. Lumen Output	Equivalence	Recommended Mounting Height
90W	12,400	175W MH, 4-lamp T8 HBF, 2-lamp T5HO	15-25 ft
130W	17,600	250W MH, 6-lamp T8 HBF, 4-lamp T5HO	15-25 ft
180W	24,500	400W MH, 6-lamp T5HO	20-35 ft
210W	30,000	575W MH, 10-lamp T8 HBF	30-50 ft
270W	36,000	750W MH, 8-lamp T5HO	30-50 ft
300W	40,000	875W MH, 10-lamp T5HO	30-50 ft
370W	50,350	1000W MH	30-50 ft

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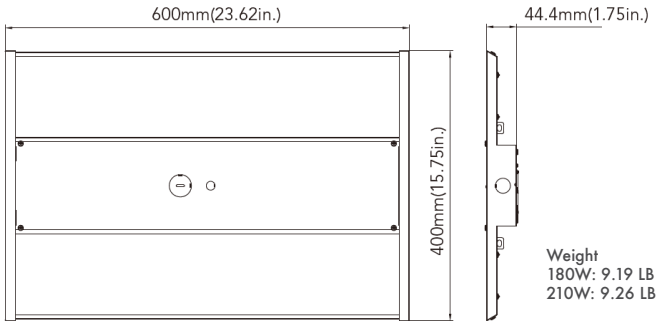
DIMENSIONS

HE 120 / HE 170



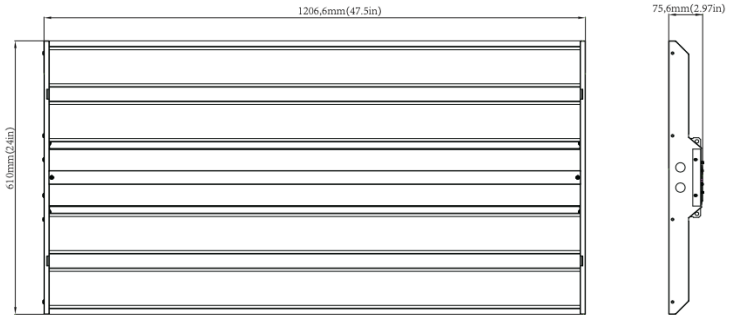
Weight
90W: 5.84 LB
130W: 7.32 LB

HE 240 / HE 290



Weight
180W: 9.19 LB
210W: 9.26 LB

HE 360 / HE 400 / HE 500



Weight
270W: 22.46 LB
300W: 22.49 LB

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OPTIONS



MS-FSP-211
Dimmable Motion Sensor



MS-FSP-L3/L7
Lens

The *MS-FSP-211* 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.

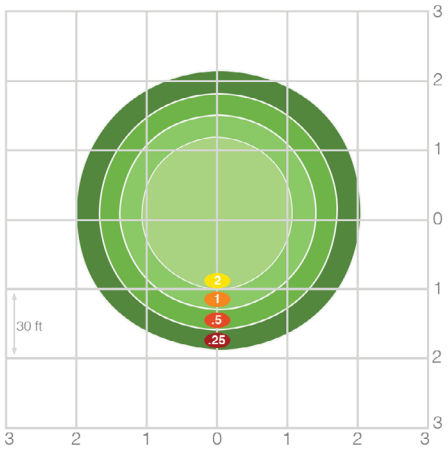
Operation Voltage	Mounting Height	Coverage	Shape	Adjustable Time Delay	Operating Temperature	Applications
120V/ 277V/ 347V	15-40 ft	2.5x Height*	Cone	5/10/15/20/30 min. Default 15 min.	0°C to 70°C 32°F to 158°F	Indoor Only

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

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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)	Voltage	DLC
HE 120 G2	90W	12,600 Lm	140 Lm/W	120-277V 347-480V	Premium
HE 170 G2	130W	18,500 Lm	142 Lm/W	120-277V 347-480V	Premium
HE 240 G2	180W	25,200 Lm	140 Lm/W	120-277V 347-480V	Premium
HE 290 G2	210W	30,000 Lm	143 Lm/W	120-277V 347-480V	Premium
HE 360 G2	270W	37,000 Lm	137 Lm/W	120-277V	Premium
HE 400 G2	300W	41,500 Lm	138 Lm/W	120-277V	Premium
HE 500 G2	370W	50,500 Lm	136 Lm/W	120-277V	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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