

# HES G1 - Selectable High Bay



**CONTRACTOR XP**



(Images are shown for illustration purposes only)

Project:

Product #:

Type:

## KEY FEATURES

- Power selectable, contractor grade linear high bay.
- Controls ready with preinstalled audio-jack sensor receptacle.
- 5 year warranty.
- Aisle or Wide lens options.
- 0-10V dimming.



## SPECIFICATIONS

### Housing

Sheet metal stamping.

### Ambient Temperature

Suitable for use in -20° C to 50° C (-4° F to 122° F).

### Finish

Long lasting white with high durability.

### Mounting

Suspended mount and surface mount.

### Efficacy

Up to 150 lumens per watt.

### Surge Protection

L-N: 6kV  
L/N-GND: 6kV

### CCT and CRI

Field Selectable: 4000K and 5000K - 80 CRI

### Lifespan

L70 > 100,000 hours @ 25°C.

### Warranty

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

### Electrical

Standard voltage 120-277V. HVU 277-480V. 0-10V dimming standard with dimming range of 100% to 10%.

### Certifications

UL Listed for damp locations. FCC compliant. Design Lights Consortium® (DLC) 5.1 Premium qualified product.

## ORDERING GUIDE

Example: HES LS360 AL G1 FSK

Fixture Type	Selectable Lumen Output	Lens	Generation	Voltage	CCT	Finish	Emergency Backup**
<ul style="list-style-type: none"> <li>• HES LED Linear High Bay</li> </ul>	<ul style="list-style-type: none"> <li>• <b>LS240</b> 15,000 Lm / 100 W 18,000 Lm / 120 W 24,000 Lm / 160 W</li> <li>• <b>LS360</b> 24,000 Lm / 160 W 30,000 Lm / 200 W 36,000 Lm / 240 W</li> <li>• <b>LS400</b> 30,000 Lm / 200 W 34,500 Lm / 230 W 40,500 Lm / 270 W</li> <li>• <b>LS600</b> 40,500 Lm / 270 W 51,000 Lm / 340 W 60,000 Lm / 400 W</li> </ul>	<ul style="list-style-type: none"> <li>• <b>BLANK</b> Prismatic (wide distribution) Lens</li> <li>• <b>AL</b> Aisle Lens</li> </ul>	<ul style="list-style-type: none"> <li>• G1 First Generation</li> </ul>	<ul style="list-style-type: none"> <li>• <b>BLANK</b> 120-277V</li> <li>• <b>HVU</b> 277-480 V</li> </ul>	<ul style="list-style-type: none"> <li>• <b>FSK</b> 4000K 5000K</li> </ul>	<ul style="list-style-type: none"> <li>• <b>BLANK</b> White</li> </ul>	<ul style="list-style-type: none"> <li>• <b>BLANK</b> No Backup</li> <li>• <b>EMA-DH16D-UNV-170*</b> 16 W Emergency Backup (LS240 ONLY).</li> <li>• <b>EMA-DH32D-UNV-190*</b> 32 W Emergency Backup (LS360 &amp; LS400 standard, LS600 single driver powered only).</li> <li>• <b>EMA-LH40D-HVU-400</b> 40 W Emergency Backup (HVU ONLY).</li> </ul>

\*120-277V standard models only.

For stocking opportunities please reach out to your local SLG Lighting rep or contact [sales@slgus.com](mailto:sales@slgus.com).

Leadtimes may vary based on current inventory levels - always consult your local SLG Lighting rep for leadtimes and project needs.

\*\*Emergency backup battery/drivers recommended for use with SLG Lighting products only, using this product with a different manufacturer's product will void all warranty/return policies.

## ACCESSORIES

Sensors	Mounting	Wire Guard	Surge Protector	Cords Sets	SLG Sync App
<ul style="list-style-type: none"> <li>• <b>BLANK</b> No Sensor</li> <li>• <b>MSB-DCE-06-BT5.0</b> Bluetooth Motion Sensor</li> <li>• <b>L3</b> Medium Bay Lens</li> <li>• <b>L7</b> High Bay Lens</li> <li>• <b>FCB-DCE-02-BT5.0</b> Bluetooth Plug-in Controller Node</li> <li>• <b>MS-DCE-09-L7</b> Standalone Motion Sensor</li> <li>• <b>RM-06</b> Remote control for motion sensor</li> </ul>	<ul style="list-style-type: none"> <li>• <b>BLANK</b> V-Hook &amp; Chain (Standard)</li> <li>• <b>HES-PMB</b> Pendant Mount Kit</li> <li>• <b>HES-SMB</b> Surface Mount Kit</li> <li>• <b>HAC-1805</b> Aircraft cables.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>WG-HES-S</b> Wire Guard for HES LS240</li> <li>• <b>WG-HES-L</b> Wire Guard for HES LS360 &amp; LS400</li> </ul>	<ul style="list-style-type: none"> <li>• <b>SPD-277</b> 5KA/10KV Surge Protection device, single phase protection with 120-277V input.</li> <li>• <b>SPD-480</b> 5KA/10KV Surge Protection device, single phase protection with 277-480V input.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>CS1</b> 6 ft Power Cord, Straight Cord, 18 Gauge, 3 Conductors, Black</li> <li>• <b>CS2</b> 6 ft Power Cord, Twist-Lock Plug Type, 3 Conductors, Black</li> <li>• <b>CS3</b> 6 ft Power Cord, 12 Gauge, 3 Conductors, MC Solid Cable, No Plug</li> <li>• <b>CS4</b> 6 ft Power Cord, 16 Gauge, 3 Conductors, S0 BlackCord, No Plug</li> <li>• <b>CS5</b> 6 ft Power Cord, 18 Gauge, 5 Conductors, Black Cord, No Plug</li> </ul>	<ul style="list-style-type: none"> <li>• <b>BLANK</b> Commission and control your system through the free SLG Sync app.</li> </ul>

Accessories shown may require MOQ or advanced lead times - call to confirm all stocked items and full compatibility. [Sales@slgus.com](mailto:sales@slgus.com).

Options for spec needs available through special request - please contact [sales@slgus.com](mailto:sales@slgus.com) with spec needs and project size.

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

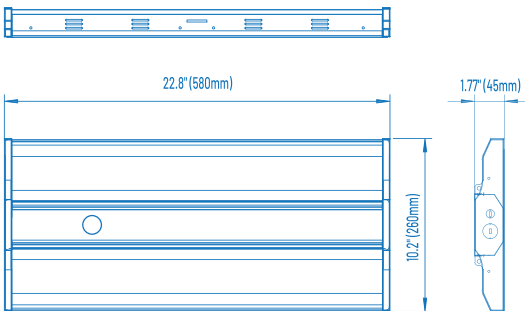
## PERFORMANCE INFORMATION

Series Number	Power Setting	4000K			5000K		
		Wattage	Lumens	Efficacy	Wattage	Lumens	Efficacy
HES LS240	Max	156 W	23,634 Lm	152 Lm/W	161 W	23,282 Lm	148 Lm/W
	Medium	117 W	18,300 Lm	156 Lm/W	118 W	18,373 Lm	156 Lm/W
	Low	97W	15,359 Lm	158 Lm/W	97 W	15,515 Lm	160 Lm/W
HES LS360	Max	242 W	36,542 Lm	151 Lm/W	242 W	36,785 Lm	152 Lm/W
	Medium	207 W	31,878 Lm	154 Lm/W	208 W	32,448 Lm	156 Lm/W
	Low	156 W	24,336 Lm	156 Lm/W	156 W	24,648 Lm	158 Lm/W
HES LS400	Max	261 W	39,221 Lm	150 Lm/W	267 W	40,050 Lm	150 Lm/W
	Medium	226 W	34,135 Lm	151 Lm/W	228 W	34,428 Lm	151 Lm/W
	Low	195 W	29,916 Lm	153 Lm/W	197 W	30,141 Lm	153 Lm/W
HES LS600	Max	391 W	58,204 Lm	149 Lm/W	394 W	59,077 Lm	150 Lm/W
	Medium	326 W	49,330 Lm	151 Lm/W	333 W	50,616 Lm	152 Lm/W
	Low	253 W	39,666 Lm	157 Lm/W	258 W	40,764 Lm	158 Lm/W

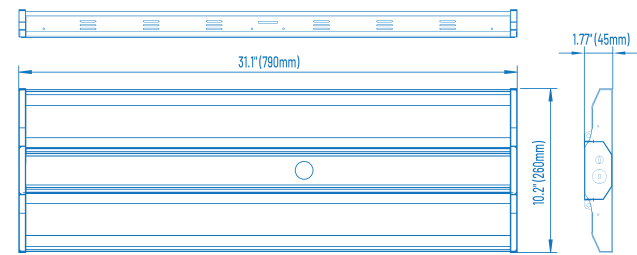
Performance data based on vigorous, industry standard testing and has been verified by lab results.

## DIMENSIONS

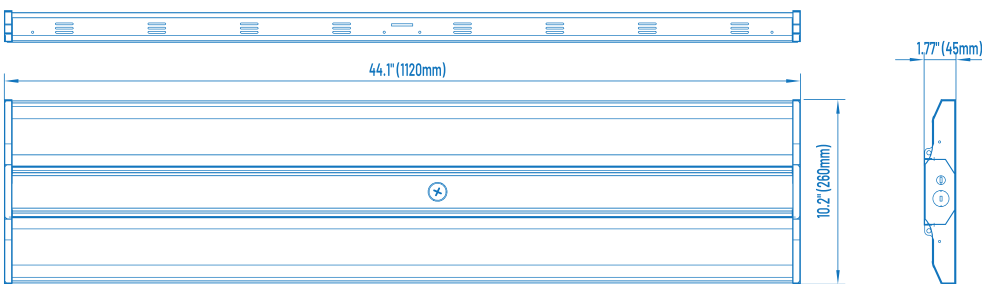
HES LS240 - 100 - 160 W



HES LS360 & LS400 - 160 - 240 W / 200 - 270 W



HES LS600 - 270 - 400 W



## DLC ID

Product number	ID Number	Product number	ID Number
HES LS240 G1 FSK	S-BCTH4W	HES LS240 G1 HVU FSK	S-6F47NM
HES LS360 G1 FSK	S-RNQN66	HES LS360 G1 HVU FSK	S-Z3396N
HES LS400 G1 FSK	S-59Z5TW	HES LS400 G1 HVU FSK	S-SLDPL9
HES LS600 G1 FSK	S-PMYJL9	HES LS600 G1 HVU FSK	S-7FTWQ9

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## ELECTRICAL LOAD

Series Number	Power	Wattage	120V	208V	240V	277V	Series Number	347V	480V
HES LS240 G1 FSK	Max	160W	0.83	0.48	0.42	0.36	HES LS240 G1 HVU FSK	0.29	0.21
	Medium	120 W	1.00	0.58	0.5	0.43		0.34	0.25
	Low	100 W	1.33	0.77	0.67	0.58		0.46	0.33
HES LS360 G1 FSK	Max	240W	1.33	0.77	0.67	0.58	HES LS360 G1 HVU FSK	0.46	0.33
	Medium	200 W	1.67	0.96	0.83	0.72		0.58	0.42
	Low	160 W	2.00	1.15	1.00	0.87		0.69	0.5
HES LS400 G1 FSK	Max	270 W	2.25	1.30	1.13	0.97	HES LS400 G1 HVU FSK	0.78	0.56
	Medium	230 W	1.92	1.11	1.00	0.83		0.66	0.48
	Low	200 W	1.70	0.96	0.83	0.72		0.58	0.42
HES LS600 G1 FSK	Max	400 W	2.33	1.35	1.17	1.01	HES LS600 G1 HVU FSK	0.81	0.58
	Medium	340 W	2.92	1.68	1.46	1.26		1.01	0.73
	Low	270 W	3.33	1.92	1.7	1.44		1.15	0.83

## LUMINAIRE MAINTENANCE

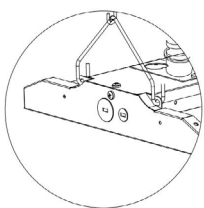
Product number	Ambient Temperature	L70
HES Series	25°C (77°F)	>100,000 Hours

## SHIPPING INFORMATION

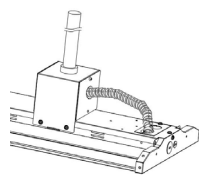
Product number	Individual Box Size	Indiv. Box Weight	Master Carton Size	Carton Weight	Quantity Per Carton
HES LS240 G1 FSK	23.50" X 10.51" X 1.97"	7.62 lbs	24.02" X 10.98" X 8.58"	31.16 lbs	4
HES LS360 G1 FSK	31.77" X 10.51" X 1.97"	11.27 lbs	32.28" X 10.98" X 8.58"	47.52 lbs	4
HES LS400 G1 FSK	31.77" X 10.51" X 1.97"	11.43 lbs	32.28" X 10.98" X 8.58"	47.96 lbs	4
HES LS600 G1 FSK	44.76" X 10.51" X 1.97"	13.72 lbs	45.24" X 10.87" X 4.41"	29.33 lbs	2

Fixtures ship 1 per box and specific dimensions may change without notice due to improvements.

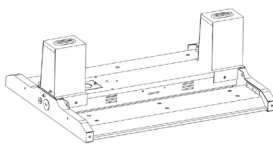
## ACCESSORIES



**V-Hook Chain Mounting**  
(Standard)



**Pendant Hanger Mount**  
(3/4" conduit)



**Surface Mount**



**MSB-DCE-06-BT5.0**  
Bluetooth Motion Sensor  
with controller



**FCB-DCE-02-BT5.0**  
Bluetooth Controller

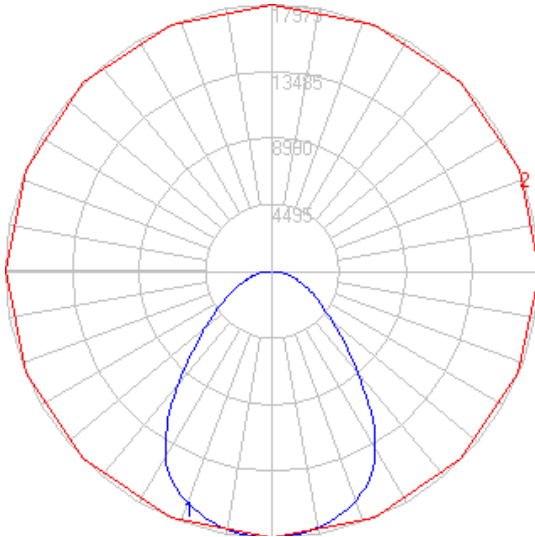


**MS-DCE-09-L7**  
Motion Sensor

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## PHOTOMETRIC

**HES LS360 G1 FSK @ 36,000 LM & 50K  
(Standard Wide Lens)**

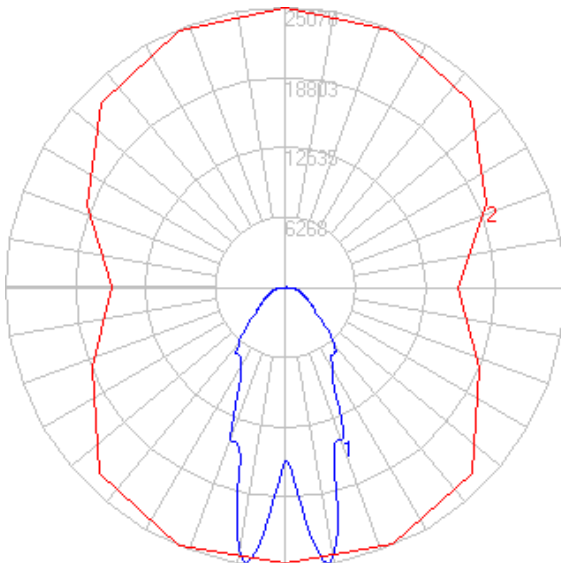


Maximum Candela = 17979.34 Located At Horizontal Angle = 112.5, Vertical Angle = 1  
 # 1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5)(Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (1)(Through Max. Cd.)

**ZONAL LUMEN SUMMARY (STANDARD LENS)**

ZONE	LUMENS	%FIXT
0-20	6560.01	18.2
0-30	13802.52	38.2
0-40	21585.37	59.8
0-60	31718.77	87.9
0-80	35540.12	98.5
0-90	36087.46	100
10-90	34388.12	95.3
20-40	15025.36	41.6
20-50	21143.33	58.6
40-70	12526.62	34.7
60-80	3821.35	10.6
70-80	1428.13	4
80-90	547.34	1.5
90-110	0	0
90-120	0	0
90-130	0	0
90-150	0	0
90-180	0	0
110-180	0	0
0-180	36087.46	100

**HES LS360 AL G1 FSK @ 36,000 LM & 50K  
(Aisle Lens)**



Maximum Candela = 25070 Located At Horizontal Angle = 90, Vertical Angle = 9  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270)(Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (9)(Through Max. Cd.)

**ZONAL LUMEN SUMMARY (AISLE LENS)**

ZONE	LUMENS	%FIXT
0-20	7497.17	20.7
0-30	14442.46	39.9
0-40	21363.24	59
0-60	31819.85	87.9
0-80	35702.7	98.6
0-90	36143.1	99.8
10-90	34216.95	94.5
20-40	13866.07	38.3
20-50	20024.7	55.3
40-70	13024.03	36
60-80	3882.84	10.7
70-80	1315.43	3.6
80-90	440.4	1.2
90-110	10.38	0
90-120	14.12	0
90-130	19.19	0.1
90-150	36.23	0.1
90-180	55.1	0.2
110-180	44.72	0.1
0-180	36198.2	100

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## BLUETOOTH MOTION SENSOR



**MSB-DCE-06-BT5.0**  
(Pictured with L7 lens)

### SPECIFICATIONS

<b>Input Voltage</b> DC 12V	<b>Bluetooth Transmit</b> 200 ft. Max
<b>IP Rating</b> IP66	<b>Radio Frequency</b> 2.4 GHz +- 75 MHz
<b>Input Current</b> 50mA Max	<b>Mounting Height</b> 20 - 40 ft
<b>Input Power</b> 0.6 W	<b>Dimming</b> Class 2, 0-10V DC 10mA Max
<b>Output Voltage</b> DC 10V	<b>Detection Range</b> 40 - 80 ft
<b>Output Current</b> 10mA Max	<b>Operating Temperature</b> -30°C to 55°C (-22°F to 131°F)
<b>Output Power</b> 0.1W	<b>Warranty</b> 5 Year warranty
<b>Sinking Current</b> 10mA Max	

### COMMISSION

This Bluetooth sensor/controller is easily commissioned via the SLG Sync app, available for download on Google Play and the App Store.

### APP DOWNLOAD



For commissioning guide and more information visit:  
**www.slgsync.com**

## STANDALONE MOTION SENSOR



**MS-DCE-09-L7**

### SPECIFICATIONS

<b>Input Voltage</b> DC 12V	<b>IP Rating</b> IP65
<b>Input Current</b> <30mA	<b>Detection Range</b> > 9 ft
<b>Voltage Range</b> 10 - 15VDC	<b>Mounting Height</b> Up to 40 ft
<b>Output Power</b> 0.1W	<b>Dimming</b> 0-10V
<b>Detection Angle</b> 120°	<b>Operating Temperature</b> -20°C to 60°C (-4°F to 140°F)
	<b>Warranty</b> 5 Year warranty

### COMMISSION

This basic sensor is commissioned via the RM06 remote. Either pre-commissioned or commissioned on site.



**RM06**

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