

HCL G3 - Selectable Linear High Bay - Controls Ready



PERFORMANCE XP



(Images are shown for illustration purposes only)

Project:

Product #:

Type:

KEY FEATURES

- Power & CCT selectable, long lasting linear high bay.
- Controls ready with preinstalled audio-jack sensor receptacle.
- 10 year warranty.
- 0-10V dimming.



SPECIFICATIONS

Housing

Diecast construction aluminum.

Ambient Temperature

Suitable for use in -40° C to 50° C (-40° F to 122° F) when suspended 18" off ceiling. Surface mount to 40° C (104° F).

Finish

Long lasting white with high durability.

Mounting

Suspended (default), surface, and pendant mount.

Efficacy

Up to 169 lumens per watt.

Surge Protection

6kV high level surge protection.

CCT and CRI

Field Selectable: 4000K & 5000K - 80 CRI

Lifespan

L70 > 123,000 hours @ 25°C.

Warranty

10-year limited warranty. Comprehensive warranty terms can be located on www.slgus.com.

Electrical

Standard voltage 120-277V. HVU 277-480V. 0-10V dimming, range of 100% to 10%. PF >0.9, THD <20%.

Certifications

UL Listed for damp locations. FCC compliant. Design Lights Consortium® (DLC) 6.0 Premium qualified product.

ORDERING GUIDE

Example: HCL LS600 G3 FSK

Fixture Type	Selectable Lumen Output	Lens	Generation	Voltage	CCT & CRI	Finish	Emergency Backup**
• HCL LED Linear High Bay	• LS240 12,000 Lm / 71 W 14,000 Lm / 84 W 18,000 Lm / 110 W 24,000 Lm / 150 W • LS400 24,000 Lm / 140 W 30,000 Lm / 180 W 36,000 Lm / 220 W 40,000 Lm / 250 W • LS600 36,000 Lm / 210 W 40,000 Lm / 240 W 50,000 Lm / 300 W 60,000 Lm / 375 W	• BLANK Prismatic Lens • AL Aisle Lens	• G3 Third Generation	• BLANK 120-277V • HVU 277-480 V	• FSK 4000K 5000K ~ 80 CRI • 35K* 3500K ~ 80 CRI	• BLANK White	• BLANK No Backup • EMD-DH16D-UNV-300 16W Emergency Battery Kit, for 120-277V LS240 fixture only. • EMD-DH32D-UNV-300 32W Emergency Battery Kit, for 120-277V fixtures only. • EMA-LH40D-HVU-400 40W Emergency Battery Kit, for 277-480V fixtures only.

*3500K option is not stocked and requires additional leadtimes and possible MOQ.

**ATTENTION: For suspended mounting only. DO NOT use with surface or stem/pendant mounting.

For stocking opportunities please reach out to your local SLG Lighting rep or contact sales@slgus.com.

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

ACCESSORIES

Sensors and Nodes	Surge Protection	Cord Sets	Mounting	Wire Guard
• MSB-DCE-06-BT5.0 Networked Motion Sensor • L3 Medium Bay Lens • L7 High Bay Lens • FCB-DCE-02-BT5.0 Bluetooth Plug-in Controller Node • SP-MSB-DCE-06-AUX-L7 Networked Motion Sensor • SP-FCB-DCE-02 Bluetooth Plug-in Controller Node • MS-DCE-09-L7 Standalone Motion Sensor • RM-06 Remote control for motion sensor	• 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 1FT, 18 gauge, 3 Conductors (Standard). • CS1 6 ft Power Cord, Straight Cord, 18 Gauge, 3 Conductors, Black. • CS2 6 ft Power Cord, Twist-Lock Plug Type, 3 Conductors, Black. • CS3 6 ft Power Cord, 12 Gauge, 3 Conductors, MC Solid Cable, No Plug. • CS4 6 ft Power Cord, 16 Gauge, 3 Conductors, SD BlackCord, No Plug. • CS5 6 ft Power Cord, 18 Gauge, 5 Conductors, Black Cord, No Plug.	• HCL-SMB-G3 Surface Mount Kit • HCL-PMB-G3 Pendant Mount Kit	• WG-HCL-LS240-G3 Wire Guard for HCL LS240 • WG-HCL2-LS400-G3 Wire Guard for HCL LS400 • WG-HCL3-LS600-G3 Wire Guard for HCL LS600

Accessories shown are generally stocked items, for additional accessories questions and options please contact your local SLG Lighting rep or email sales@slgus.com.

Options for spec needs available through special request - please contact 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

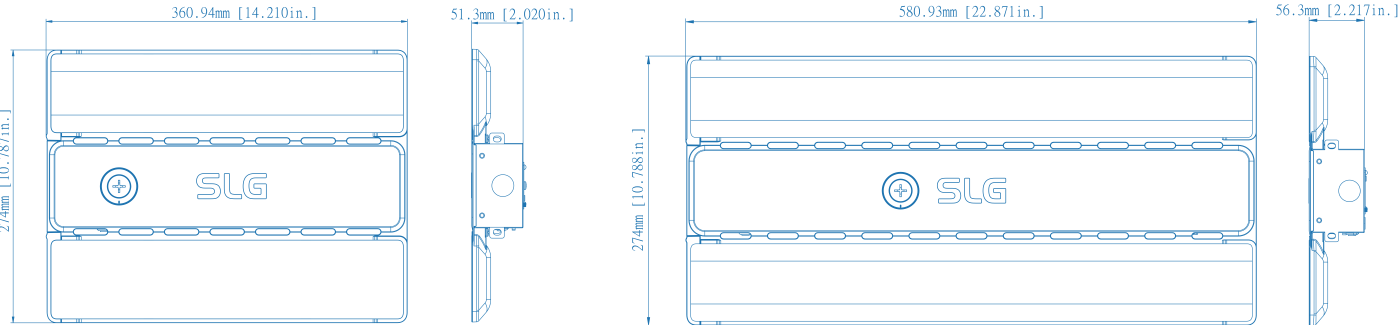
Series Number	Power Setting	Wattage	Lumens (4000K)	Efficacy	Lumens (5000K)	Efficacy
HCL LS240	Max	150 W	24,000 Lm	160 Lm/W	24,000 Lm	160 Lm/W
	Medium-High	110 W	18,000 Lm	164 Lm/W	18,000 Lm	164 Lm/W
	Medium-Low	84 W	14,000 Lm	167 Lm/W	14,000 Lm	167 Lm/W
	Low	71 W	12,000 Lm	169 Lm/W	12,000 Lm	169 Lm/W
HCL LS400	Max	250 W	40,000 Lm	160 Lm/W	40,000 Lm	160 Lm/W
	Medium-High	220 W	36,000 Lm	164 Lm/W	36,000 Lm	164 Lm/W
	Medium-Low	180 W	30,000 Lm	167 Lm/W	30,000 Lm	167 Lm/W
	Low	140 W	24,000 Lm	169 Lm/W	24,000 Lm	169 Lm/W
HCL LS600	Max	375 W	60,000 Lm	160 Lm/W	60,000 Lm	160 Lm/W
	Medium-High	300 W	50,000 Lm	164 Lm/W	50,000 Lm	164 Lm/W
	Medium-Low	240 W	40,000 Lm	167 Lm/W	40,000 Lm	167 Lm/W
	Low	210 W	36,000 Lm	169 Lm/W	36,000 Lm	169 Lm/W

Performance data based on vigorous, industry standard testing and has been verified by lab results.
NOTE: The data presented here is based off of a model of the HCL G3 equipped with the default Prismatic Lens.

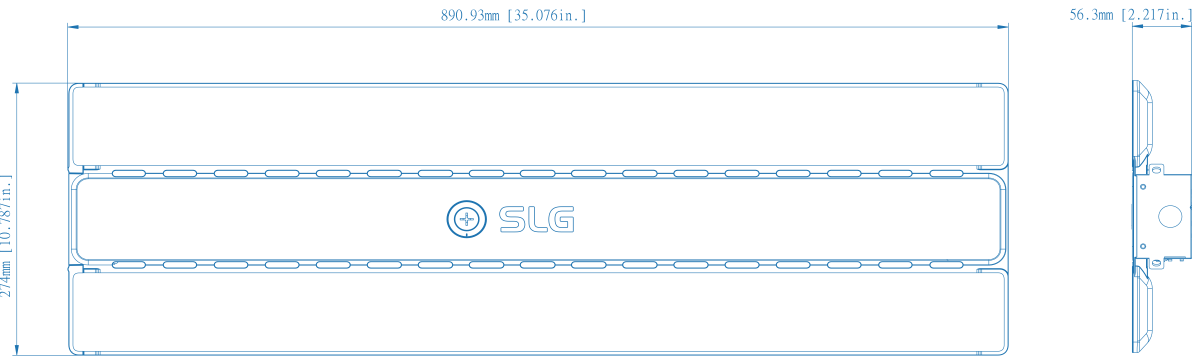
DIMENSIONS

HCL LS240 - 71 - 150 W

HCL LS400 - 140 - 250 W



HCL LS600 - 210 - 375 W



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ELECTRICAL LOAD

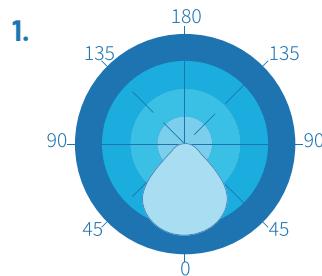
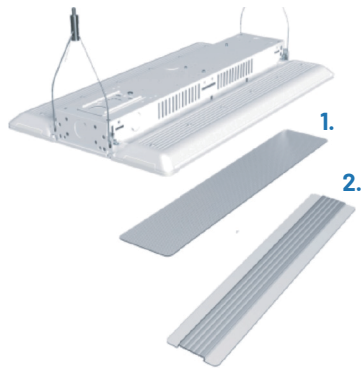
Series Number	Power	Wattage	120V	208V	240V	277V
HCL LS240 G3 FSK	Max	150 W	1.25	0.72	0.63	0.54
	Medium-High	110 W	0.92	0.53	0.46	0.40
	Medium-Low	84 W	0.7	0.40	0.35	0.30
	Low	71 W	0.59	0.34	0.30	0.26
HCL LS400 G3 FSK	Max	250 W	2.1	1.2	1.0	0.90
	Medium-High	220 W	1.83	1.06	0.92	0.79
	Medium-Low	180 W	1.5	0.87	0.75	0.65
	Low	140 W	1.17	0.67	0.58	0.51
HCL LS600 G3 FSK	Max	375 W	3.13	1.80	1.56	1.35
	Medium-High	300 W	2.50	1.44	1.25	1.08
	Medium-Low	240 W	2.00	1.15	1.00	0.87
	Low	210 W	1.75	1.01	0.88	0.76

Series Number	277V	347V	480V
HCL LS240 G3 HVU FSK	0.54	0.43	0.31
	0.40	0.32	0.23
	0.30	0.24	0.18
	0.26	0.20	0.15
HCL LS400 G3 HVU FSK	0.90	0.72	0.52
	0.79	0.63	0.46
	0.65	0.52	0.38
	0.51	0.40	0.29
HCL LS600 G3 HVU FSK	1.35	1.08	0.78
	1.08	0.86	0.63
	0.87	0.69	0.50
	0.76	0.61	0.44

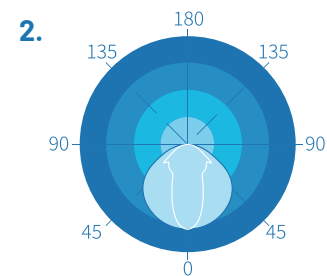
PHOTOMETRICS

HCL G3 - Lens

HCL G3 - Photometric Diagrams by Lens Type



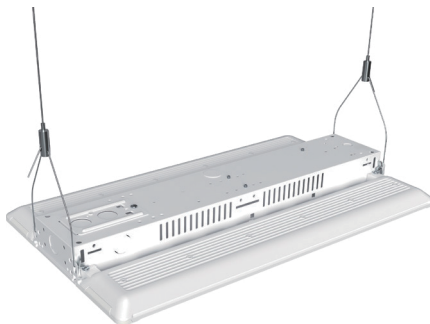
Prismatic Lens



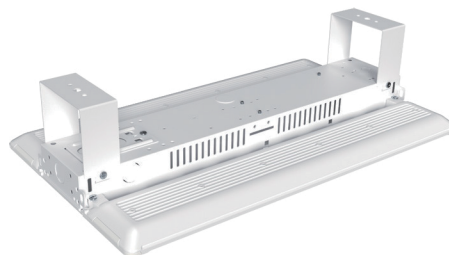
Aisle Lens

MOUNTING

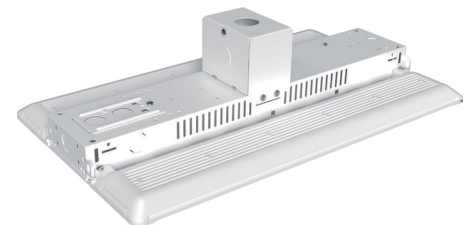
HCL G3 - Mounting Options



Suspended Mount



Surface Mount



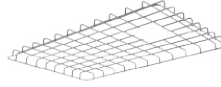
Pendant Mount

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ACCESSORIES OVERVIEW



Pendant Mount



Wire Guard



Surface Mount



MSB-DCE-06-BT5.0

Bluetooth Motion Sensor
with controller



FCB-DCE-02-BT5.0

Bluetooth Controller



SP-MSB-DCE-06-AUX-L7

Bluetooth Motion Sensor
with controller



SP-FCB-DCE-02

Bluetooth node controller



MS-DCE-09-L7

Motion Sensor

BLUETOOTH SENSOR AND NODE FOR SYNC



MSB-DCE-06-BT5.0

(Pictured with L7 lens)

SPECIFICATIONS

Input Voltage
DC 12V

Output Power
0.1W

Bluetooth Transmit
200 ft. Max

IP Rating
IP66

Sinking Current
10mA Max

Radio Frequency
2.4 GHz +- 75 MHz

Input Current
50mA Max

Output Voltage
DC 10V

Mounting Height
20 - 40 ft

Input Power
0.6 W

Output Current
10mA Max

Dimming
Class 2,
0-10V DC 10mA Max

Operating Temperature
-30°C to 55°C (-22°F to 131°F)

Warranty
5 Year warranty

Detection Range
40 - 80 ft

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



FCB-DCE-02-BT5.0

Bluetooth Controller

SPECIFICATIONS

Input Voltage
DC 12V

Output Power
0.1W

Bluetooth Transmit
100 ft. Max

IP Rating
IP66

Sinking Current
10mA Max

Radio Frequency
2.4 GHz +- 75 MHz

Input Current
41mA Max

Output Voltage
DC 10V

Warranty
5 Year warranty

Input Power
0.5 W

Output Current
10mA Max

Dimming
Class 2,
0-10V DC 10mA Max

Operating Temperature
-30°C to 65°C (-22°F to 149°F)

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

BLUETOOTH SENSOR AND NODE FOR SYNC PLUS



SP-MSB-DCE-06-AUX-L7
(Bluetooth sensor)
SLG sync+

SPECIFICATIONS

Input Voltage 12-24VDC	Bluetooth Transmit 200 ft. Max	Detection Range 52ft. Max
IP Rating IP65	0-10V Signal Output 20mA	Mounting Height 40ft. Max
Operating Temperature -25°C to 55°C (-13°F to 131°F)	Warranty 5 Year warranty	

COMMISSION

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

APP DOWNLOAD



Download on the App Store



For commissioning guide and more information visit:
www.slgus.com/slg-sync



SP-FCB-DCE-02
(Bluetooth node controller)
SLG sync+

SPECIFICATIONS

Input Voltage 12-24VDC	Bluetooth Transmit 100ft. Max	Warranty 5 Year warranty
Output Current 10mA MAX	Operating Temperature -25°C to 55°C (-13°F to 131°F)	IP Rating IP65

STANDALONE MOTION SENSOR



MS-DCE-09-L7

SPECIFICATIONS

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

COMMISSION

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



RM06