

HFO G3

LED Round High Bay Gen 3 **CONTRACTOR XP**

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



HFO LS270 G3



HFO LS360 G3

The HFO LS270 G3 Selectable Round High Bay Series is a contractor experience LED round high bay - designed to save you money, save you time, and install quickly. 8 fixtures in 1 - 4 selectable lumen outputs for different ceiling heights and 2 selectable CCT color outputs available in 2 different sizes. Lightweight for easy installation with a durable J-Hook - engineered with your experience first. Controls ready with plug-in sensors to make your safety and security a top priority incorporating NLC listed controls options and LLLC capabilities.

Catalog Number	Description	Lumens	Watts	CCT	Voltage
HFO LS270 G3 FSK	LED Round UFO High Bay - Third Generation	Selectable 12,000 - 28,000 Lm	Selectable 64 - 160 W	Selectable 4000K - 5000K	120V - 277V
HFO LS270 G3 FSK EMA-DH15D-UNV-170	LED Round UFO High Bay with pre-installed emergency backup	Selectable 12,000 - 28,000 Lm	Selectable 64 - 160 W	Selectable 4000K - 5000K	120V - 277V
HFO LS360 G3 FSK	LED Round UFO High Bay - Third Generation	Selectable 16,500 - 36,000 Lm	Selectable 92 - 230 W	Selectable 4000K - 5000K	120V - 277V

ORDERING GUIDE

Example: HFO LS270 G3 FSK

Fixture Type	Selectable Lumen Output	Generation	Voltage	Selectable CCT	Finish	Emergency Backup	Options - Controls	Options - Accessories
<ul style="list-style-type: none"> HFO LED Round UFO High Bay 	<ul style="list-style-type: none"> LS270 12,000 Lm / 64 W 18,000 Lm / 96 W 22,500 Lm / 128 W 28,000 Lm / 160 W LS360 16,500 Lm / 92 W 24,000 Lm / 138 W 30,000 Lm / 184 W 36,000 Lm / 230 W 	<ul style="list-style-type: none"> G3 Third Generation 	<ul style="list-style-type: none"> BLANK 120-277 V HVU 347/480 V 	<ul style="list-style-type: none"> FSK 4000K 5000K 	<ul style="list-style-type: none"> BLANK Black C* Custom 	<ul style="list-style-type: none"> BLANK None EMA-DH15D-UNV-170 Emergency Backup pre-installed 	<ul style="list-style-type: none"> BLANK None Bluetooth Controls MSB-DCE-06 OSLG sync Bluetooth motion sensor L3 Medium Bay lens L7 High Bay lens FCB-DCE-02 OSLG sync Bluetooth Plug-in Controller Node Basic Controls MS-DCE-07 Motion sensor MS-20-L7 High bay lens RM-51 Remote control for motion sensor. 	<ul style="list-style-type: none"> BLANK None U-BKT3 U Bracket HFO-AR-G3-S Aluminium Reflector for HFO LS270 HFO-AR-G3-L Aluminium Reflector for HFO LS360

(Images are shown for illustration purposes only)

HFO G3



PERFORMANCE

Series Number	Power Percentage	Wattage	CRI	4000K		5000K	
				LUMENS	LPW	LUMENS	LPW
HFO LS270 G3 FSK	100%	160 W	70	28,000 Lm	175 Lm/W	27,000 Lm	169 Lm/W
	80%	128 W	70	22,800 Lm	178 Lm/W	22,000 Lm	172 Lm/W
	60%	96 W	70	17,500 Lm	182 Lm/W	17,000 Lm	177 Lm/W
	40%	64 W	70	12,000 Lm	188 Lm/W	11,600 Lm	181 Lm/W
HFO LS360 G3 FSK	100%	230 W	70	36,000 Lm	157 Lm/W	35,000 Lm	152 Lm/W
	80%	184 W	70	30,000 Lm	163 Lm/W	29,000 Lm	158 Lm/W
	60%	138 W	70	24,000 Lm	174 Lm/W	23,000 Lm	167 Lm/W
	40%	92 W	70	16,500 Lm	179 Lm/W	16,000 Lm	174 Lm/W

Specifications

Housing

Thermal casting and corrosion resistant coating for a long lifetime.

Operating Temperature

-40° C to 45° C (-40° F to 113° F).

Operating with emergency battery: -5° C to 50° C (+41° F to 122° F).

Mounting

Hook mount (default), pendant installational with conduit, and U-Bracket mount.

Efficacy

Up to 188 lumens per watt.

CCT and CRI

Field selectable: 4000K and 5000K. CRI 70.

Lumen Output

Field selectable: 12,000 - 36,000 Lumens.

Surge Protection

PF >90%, THD >20%, 6kV.

Warranty

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

Electrical

Standard 120V - 277V or HVU model 347/480V.

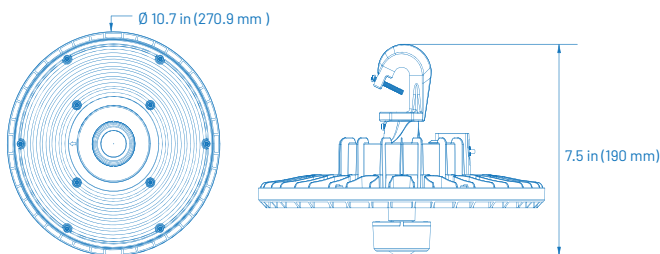
0-10V dimming standard with a dimming range of 100% to 10%.

Certifications

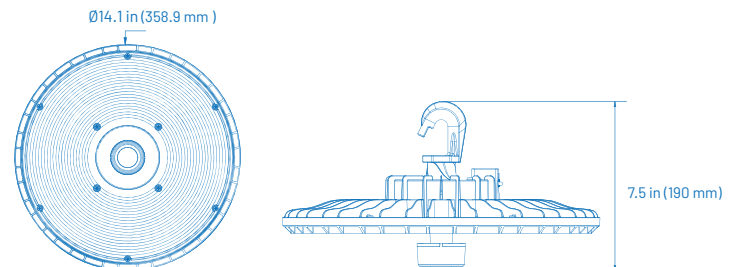
UL Listed for wet locations. FCC compliant. Design Lights Consortium® (DLC) Premium 5.1 qualified product. With **MSB-DCE-06** motion sensor: DLC Network Lighting Controls qualified system (SLG Sync) N-EPBK41.

Dimensions

HFO LS270 G3 FSK



HFO LS360 G3 FSK



HFO G3



Options



EMA-DH15D-UNV-170
Emergency Backup pre-installed



U-BKT3
U-bracket



HFO-AR-G3-S/L
Aluminum Reflector



MSB-DCE-06
Bluetooth sensor
(Pictured with L7 lens)



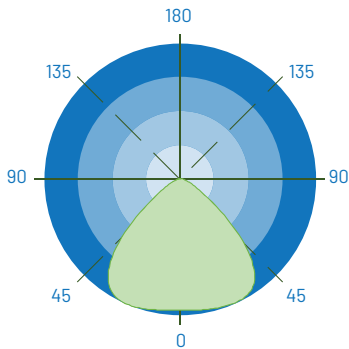
FCB-DCE-02
Bluetooth node



MS-DCE-07
Motion sensor
(Pictured with L7 lens)

Photometric

HFO LS270 G3 FSK



Electrical Load

		Current (A)						
	Power Setting	Wattage	120V	208V	240V	277V	347V	480V
HFO LS270 G3	Low	64 W	0.53	0.31	0.27	0.23	0.18	0.13
	Med	96 W	0.8	0.46	0.4	0.35	0.28	0.2
	High	128 W	1.1	0.62	0.53	0.46	0.37	0.27
	Max	160 W	1.33	0.77	0.67	0.58	0.46	0.33
HFO LS360 G3	Low	92 W	0.77	0.44	0.38	0.33	0.27	0.19
	Med	138 W	1.15	0.66	0.58	0.5	0.4	0.29
	High	184 W	1.53	0.88	0.77	0.67	0.53	0.38
	Max	230 W	1.92	1.11	0.96	0.83	0.67	0.48

Emergency Backup Specifications

Product Specification			
Input Voltage	100-347V AC, 50/60Hz	Output Voltage	170V DC
Input Current (Max)	100mA	Charging Current (Max)	250mA
Input Power (Max)	12 W Max.	Output Power	15 W
Emergency Time	≥ 90 Minutes	Battery Type	Lithium
Charging Time	≥ 24 Hours	Ambient Temp	5°C - 50°C (41°F - 122°F)



EMA-DH15D-UNV-170

Bluetooth Motion sensor



MSB-DCE-06
(Pictured with L7 lens)

Specifications:

Input Voltage
DC 12V

IP Rating
IP66

Input Current
50mA Max

Input Power
0.6 W

Output Voltage
DC 10V

Output Current
10mA Max

Output Power
0.1W

Sinking Current
10mA Max

Bluetooth Transmit
200 ft. Max

Radio Frequency
2.4 GHz +- 75 MHz

Mounting Height
20 - 40 ft

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

Detection Range
40 - 80 ft

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

Warranty
5 Year warranty

Commissioning

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

Basic Motion sensor



MS-DCE-07
(Pictured with L7 lens)

Specifications:

Input Voltage
DC 12V

Input Current
8mA

Input Power
0.1 W

Output Current
10mA Max

Output Power
0.1W

Sinking Current
10mA Max

IP Rating
IP66

Detection Range
40-80 ft

Mounting Height
20-40 ft

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

Operating Temperature
-30°C to 70°C (-22°F to 158°F)

Warranty
5 Year warranty

Commissioning

This basic sensor is commissioned via the RM51 remote. Either pre-commissioned or commissioned on site.

