



**CLASS-1
DIV-2
RATED**

**CLASS-2
DIV-2
RATED**

**IP68
IP69K
CERTIFIED**

**DIRECT AC
DRIVERLESS**

**EMI
SILENT**



Driverless Linkable IP68/69K LED Linear Luminaire for Hazardous Locations

Product Features

Class 1, Division 2 Rated & Class 2, Division 2

Certified for Hazardous Locations Class 1, Division 2 Groups A-D, T4 and Class 2, Division 2 Groups E-G, T4

Heavy Duty Quick-Connect Cabling

Convenient push-and-click connectors and cabling make HLX Series fixtures easy to install and daisy chain.

Low-Profile Design

1" round patented, innovative linear housing produces a remarkably slim profile allowing the HLX series to go where other fixtures simply cannot.

Superior Ingress Protection & Chemical Resistance

Seamless polymeric outer shell provides IP68/IP69K ingress protection and is specialized for superior chemical resistance.

Maintenance Free Direct AC Driverless Design

Connects directly to AC line voltage without an LED driver or electrolytic capacitors, for ease of use and extreme reliability and lifetime. Requires zero maintenance.

Performance Summary

Delivered Light Output: Up to 8,000 Lumens

Efficacy: Up to 125 LPW

CRI: Typical 85 CRI

CCT: 5000K & 4000K

Lifetime: Designed to last 100,000 Hours at 25°C

Warranty: 5 Years (see ggled.net for terms)

Mounting: Ceiling or Wall

Run Length: Up to 208' of luminaires (not including jumpers)

Ambient Temperature: -40°C to 55°C

Ordering Information

Product	Length	Lumen Output	Color Temp.	Through Wired	Voltage	*Kit Option Available
HLX						
	2 2-Foot	SO Standard Output 1000 Lumens/Foot	50K (standard) 5000 Kelvin	Blank (standard) Connectors on Input & Output for ability to Daisy Chain fixtures	120V 120 VAC Input	KIT Includes (1) fixture, 8' power leader cable and stainless mounting hardware
	4 4-Foot		40K 4000 Kelvin	SE (Single-Ended) Connector on Input Only, No Daisy Chain, for Standalone Install	277V 277 VAC Input	
	8 8-Foot	<i>*HLX2 not available in 40K</i>				

Power & Connection Accessories

Cable	Type	Length	Wire	Mounting Hardware	Description
HLX-JMP-1	Jumper	1ft	14 ga SOOW	HLX-MNT-NM	Non-Metalic Quick Latch
HLX-JMP-4	Jumper	4ft	14 ga SOOW	HLX-MNT-SS	Stainless Steel Bolt Latch
HLX-JMP-8	Jumper	8ft	14 ga SOOW	HLX-MNT-MAG	Disc Magnet Add-On
HLX-LDR-8	Leader Cable	8ft	14 ga SOOW		

Driverless Linkable IP68/69K LED Linear Luminaire for Hazardous Locations

Product Specifications

Construction & Materials

Convenient push-and-click connectors let you easily and rapidly install Leader Cables and Jumper Cables. Multiple cable lengths support a variety of layouts.

Embedded aluminum heatsink provides ample cooling for a long lifetime and allows the fixture to operate in cold and hot weather environments.

Seamless copolyester outer shell provides IP68/IP69K ingress protection and is specialized for superior chemical resistance.

All G&G luminaires and components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

Electrical System

Power Factor: 0.9 nominal

Input Power: Stays consistent over life

Temperature Rating: Designed to operate in temperatures -40°C to 55°C

Total Harmonic Distortion: < 20%

Built-In 4KV Surge Protection

Regulatory Qualifications

Class 1, Division 2 Groups A-D, T4 and Class 2, Division 2 Groups E-G, T4

ETL Listed

IP68/IP69K system

NEMA 4X



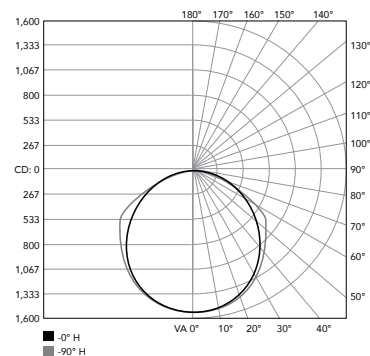
Photometry

HLX Series

Based on DTC Report Test #: 14404-T

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.

Polar Candela Distribution



Zonal Lumen Summary

Zone	Luminaire
0-30	26.2%
0-40	43.2%
0-60	77.4%
0-90	98.5%
0-180	100%

Lumen & Power Data

Length & Output	Lumens	Fixture Watts	Amps @120V	Amps @277V
HLX8 - SO	8000	64 W	0.53	0.23
HLX4 - SO	4000	32 W	0.27	0.12
HLX2 - SO	2000	16 W	0.13	0.06

Dimensions

Model	Fixture Diameter	Fixture Length		Mounted	
		Thru Wire	Single End	Width	Height
HLX2	1.0"	25.82"	24.27"	1.25"	1.75"
HLX4	1.0"	47.82"	46.27"	1.25"	1.75"
HLX8	1.0"	91.82"	90.27"	1.25"	1.75"

Maximum Fixture Run (Per 1 Leader Cable)

Jumper Cable Length	HLX2 (120V)	HLX2 (277V)	HLX4 (120V)	HLX4 (277V)	HLX8 (120V)	HLX8 (277V)
JMP1 (1FT)	60 (179')	110 (339')	34 (169')	65 (324')	17 (152')	33 (296')
JMP4 (4FT)	45 (266')	90 (536')	31 (244')	58 (460')	15 (176')	29 (344')
JMP8 (8FT)	40 (392')	80 (792')	28 (328')	52 (616')	13 (200')	26 (408')