

# HLX

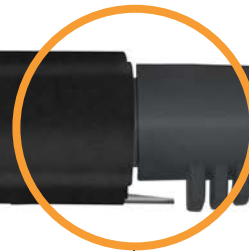
HAZARDOUS LOCATION LINEAR



**CLASS-1  
DIV-2  
RATED**



**CLASS-2  
DIV-2  
RATED**



**Low Profile, Seamless Polymeric Exterior**

Slim 1" Round Low-Profile Housing with IP68/IP69K Ingress Protection and Extreme Chemical Resistance

**Quick-Connect**

Secure Low-Voltage Connections for a Simple, Quick Installation

**Heavy Duty Cabling**

Low Smoke Zero Halogen Heavy Duty Cabling

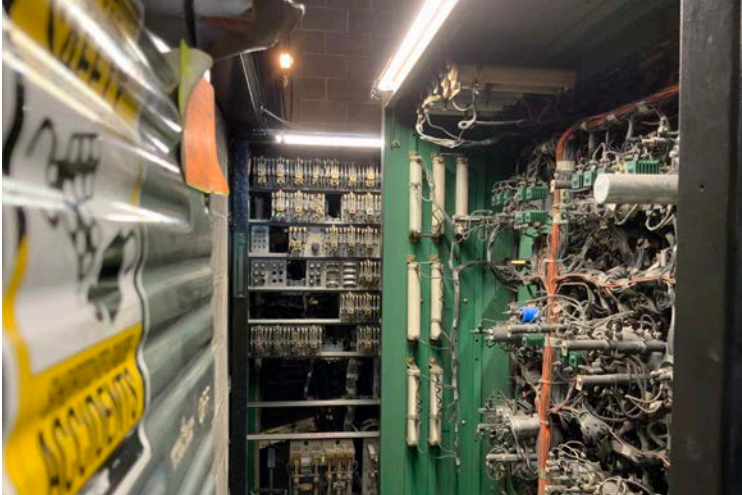
# APPLICATIONS

Certified for Hazardous Locations  
Class 1, Division 2 Groups A, B, C, D, and Class 2, Division 2 Groups E, F, & G

Petroleum  
Loading Facilities

Refineries  
Mills & Silos

Chemical & Petrochemical  
Waste Treatment & Disposal



# G&G

## INDUSTRIAL LIGHTING

T 800.285.6780 E sales@ggled.net

www.ggled.net



**CLASS-1**  
**DIV-2**  
RATED

**CLASS-2**  
**DIV-2**  
RATED

**IP68**  
**IP69K**  
CERTIFIED



## Low-Profile 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, B, C, & D and Class 2, Division 2 Groups E, F & G

### 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.

### Performance Summary

**Delivered Light Output:** Up to 12,000 Lumens

**Efficacy:** Up to 160 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 72' of luminaires (not including jumpers)

**Ambient Temperature:** -40°C to 55°C

## Ordering Information

Product	Length	Lumen Output	Color Temp.	Through Wired
<b>HLX</b>				
<b>2</b> 2-Foot		<b>SO</b> Standard Output 1000 Lumens/Ft	<b>50K</b> 5000 Kelvin	<b>Blank</b> (standard) Connectors on Input & Output for ability to Daisy Chain fixtures
<b>4</b> 4-Foot		<b>HO</b> High Output 1500 Lumens/Ft	<b>40K</b> 4000 Kelvin	<b>SE</b> (Single-Ended) Connector on Input Only, No Daisy Chain, for Standalone Install
<b>6</b> 6-Foot				
<b>8</b> 8-Foot				

## Power & Connection Accessories

Cable	Type	Length	Wire	Power Supply	Max Output	Enclosure	Voltage
HLX-JMP-1	Jumper	1ft / End-to-End	14 ga SOOW	HLX-PSU-80	80W	IP67	120-277 VAC
HLX-JMP-4	Jumper	4ft	14 ga SOOW	HLX-PSU-120	120W	IP67	120-277 VAC
HLX-JMP-8	Jumper	8ft	14 ga SOOW	HLX-PSU-240	240W	IP67	120-277 VAC
HLX-LDR-8	Leader Cable	8ft	14 ga SOOW	HLX-PSU-320	320W	IP67	120-277 VAC
				HLX-PSU-480	480W	IP67	120-277 VAC
				HLX-PSU-600	600W	IP67	120-277 VAC

Mounting Hardware	Description
HLX-MNT-NM	Non-Metallic Quick Latch
HLX-MNT-SS	Stainless Steel Bolt Latch



OUR PRODUCTS ARE  
**ENGINEERED  
 TESTED  
 MANUFACTURED  
 ASSEMBLED  
 & SHIPPED**  
 FROM ONE FACILITY

## Low-Profile 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%

#### Regulatory Qualifications

Class 1, Division 2 Groups A, B, C, D, and Class 2, Division 2 Groups E, F, & G ETL Listed

IP68/IP69K system

NEMA 4X, NEMA 6P Rated



**CLASS-1  
 DIV-2  
 RATED**

**CLASS-2  
 DIV-2  
 RATED**

**IP68  
 IP69K  
 CERTIFIED**

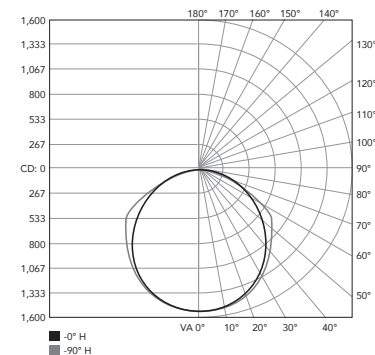
### Photometry

#### 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	5000K		4000K		Fixture Watts	Fixtures Supported per Power Supply					
	Lumens	Lumens Per Watt	Lumens	Lumens Per Watt		PSU-80	PSU-120	PSU-240	PSU-320	PSU-480	PSU-600
HLX8 - SO	8,000 L	160 LPW	7,600 L	150 LPW	50 W	1	2	4	5	8	10
HLX6 - SO	6,000 L	160 LPW	5,700 L	150 LPW	37 W	2	3	6	7	9	10
HLX4 - SO	4,000 L	160 LPW	3,800 L	150 LPW	25 W	3	4	8	10	13	15
HLX2 - SO	2,000 L	160 LPW	1,900 L	150 LPW	12 W	6	8	14	20	22	22
HLX8 - HO	12,000 L	150 LPW	11,400 L	140 LPW	80 W	0	1	2	3	5	6
HLX6 - HO	9,000 L	150 LPW	8,550 L	140 LPW	60 W	1	1	3	4	7	8
HLX4 - HO	6,000 L	150 LPW	5,700 L	140 LPW	40 W	1	2	5	7	9	9
HLX2 - HO	3,000 L	150 LPW	2,850 L	140 LPW	20 W	3	4	9	13	16	16

### 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"
HLX6	1.0"	69.82"	68.27"	1.25"	1.75"
HLX8	1.0"	91.82"	90.27"	1.25"	1.75"