



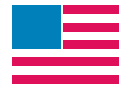
INDUSTRIAL LIGHTING

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Date

Project

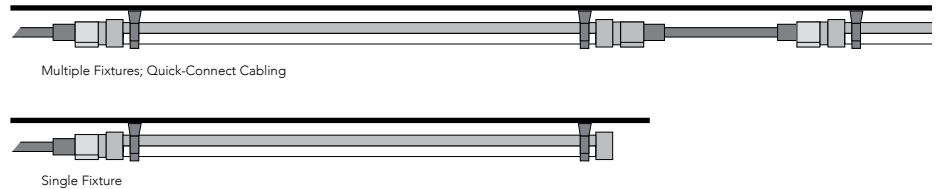


**CLASS-1
DIV-2
RATED**

**CLASS-2
DIV-2
RATED**

**IP68
IP69K
CERTIFIED**

**IK07
IMPACT
CERTIFIED**



HAZARDOUS LOCATION LINEAR LED LUMINAIRE

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

Dimensions: Length Varies, Width 1.25" x Height 1.75"

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

Rev Date 20 0421

STRONG.

SIMPLE.

COMPACT.

HAZARDOUS LOCATION LINEAR LED LUMINAIRE

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
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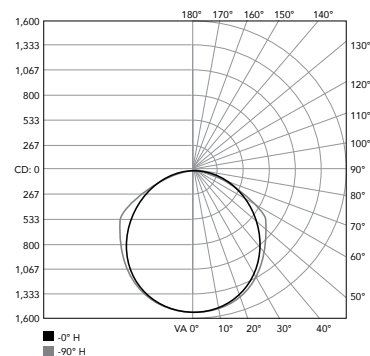
Photometry

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