

CLASS-1
DIV-2
R A T E D

CLASS-2
DIV-2
R A T E D

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-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.

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
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
4 4-Foot		HO High Output 1500 Lumens/Ft	40K 4000 Kelvin	SE (Single-Ended) Connector on Input Only, No Daisy Chain, for Standalone Install
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						

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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-D, T4 and Class 2, Division 2 Groups E-G, T4 ETL Listed

IP68/IP69K system

NEMA 4X, NEMA 6P Rated



**CLASS-1
DIV-2
RATED**

**CLASS-2
DIV-2
RATED**

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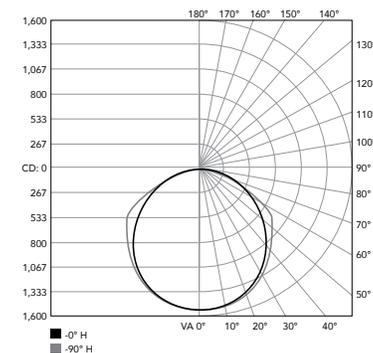
Photometry

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

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"