

HZLSL Series Hazardous Location Portable Lighting Kit

HAZARDOUS LOCATION FIXTURES

100-277V

**LM79
LM80**



IP66



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

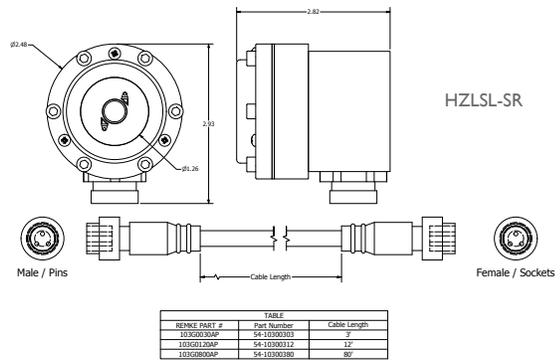
DESCRIPTION

The ActiveLED® 12V AC Portable light combines the efficiency and performance of ActiveLED technology with robust design and construction to achieve Class I Division I certification. Ideal for illuminating confined spaces where flammable gases, vapors, liquids and dusts may be present. The portable ActiveLED explosion-proof lighting kit is specifically designed for wet and conductive environments, including petrochemical containers, grain silos and storage tanks. Kit includes 12V AC Output Power Supply can be used in conjunction with ActiveLED Low Voltage Explosion Proof light fixtures being in full compliance with OSHA requirements for portable lighting in wet or conductive locations in confined spaces (1926.405(a)(2)(ii)(G)). The ActiveLED HZLSL Hazard Light consumes at least 50-85 percent less energy than conventional lamp or other LED lighting while maintaining Class I and Division I ratings. With its patented design and superior LED elements, the ActiveLED Hazard Light is a reliable light source with a 90,000- hour lumen life, making it a virtually maintenance-free solution for applications where changing bulbs and ballasts can be hazardous and expensive.



HZLSL Series Hazardous Location Portable Light 10 Piece Kit

DIMENSIONS



FEATURES

- North America - Class I, Division I Groups B, C and D - T5
- Canada - Class I, Division I, Groups C, D and - T5
- Fully enclosed driver.
- TSA approved carry-on-case included.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LUM-INTENSE™ - LED lighting luminaire technology that combines recent advancements in LED Modules, Drivers and Optics to deliver more Lumens per Watt in a smaller package.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. See page 2 for additional warranty information.

MOUNTING OPTIONS (Sold Separately)



LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
734 Lm	6.5 W	113 Lm/W	5,000 K

ActiveLED®
Energy Efficient Lighting and Controls

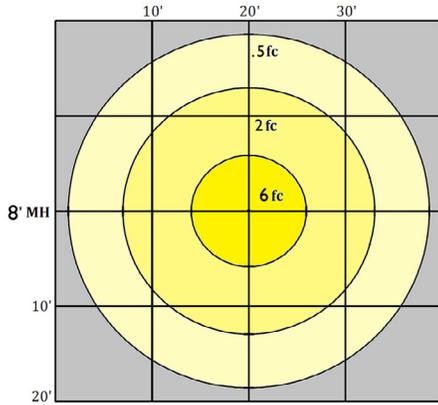
NOTE: Lighting Facts shown for HZLSL Single Light at 4.5w only. For more Lighting Facts, visit lightingfacts.com for the Label and Label Reference Guide.



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PHOTOMETRICS



PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for HZLSL single Light 4.5W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-Sensing 100-240 Volts AC, 50/60 Hz	Single Fixture Watt	4.5W
Input Power	70 Input Watts	LED Optics	IP66 rated, thermally bonded LEDs Patented thermal management mounting system
Power Factor	> 0.95 (at ~100-277 Volts)	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
THD	Total Harmonic Distortion (THD) <20% (typical 9%) at full load	Housing	Aluminum for enclosure and heat sinking parts, stainless steel hardware
Driver	Integral driver with aluminum housing, integral heat sink and short circuit protection	Finish	Powder coated after fabrication
Operating Temperature	-58° F to 140° F (-50° C to 60° C)	Dimensions For Single String Light	2.64" Height, 3.40" Wide and 2.48" Diameter (6.70cm x 8.63cm x 6.29cm)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)	Weight	0.8 lbs. for individual light, 8.6 lbs. for Power Supply, 1.2 lbs. for individual 12' Cord
Single Fixture Output Voltage	12VAC.	Kit	1 Power Supply, 5-10 HZLSL-SR Fixtures, up to 10 Main Power Cables

WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation.

LISTINGS AND TESTS

UL844, Class I Division 1, UL1598, UL1598A, UL listed driver, CE, suitable for wet locations. RoHS compliant. IP68 Rated Driver, IP66 Rated Fixtures. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant.

ORDERING INFORMATION

Example: HZLSL10-T-B8050

Series	Pieces	Power Connector	BBU	Main Cable	CCT
HZLSL Hazard Location Portable Lighting Kit	5 5 String Light Kit	S Standard SOOW	B With Battery Backup	60 60' Cable	60 6,000K
	10 10 String Light Kit	T Twist Lock SOOW	N No Battery Backup	80 80' Cable	50 5,000K
				100 100' Cable	40 4,000K
					35 3,500K
					30 3,000K
					27 2,700K

CAUTION: Max of 10 ActiveLED fixtures per power supply. These units are not self serviceable. All repairs must be done by the manufacturer.