

# VPSL Series Vapor Proof String Lighting Kit

VAPOR PROOF FIXTURES

**100-277V**

**LM79  
LM80**



**IP68**



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

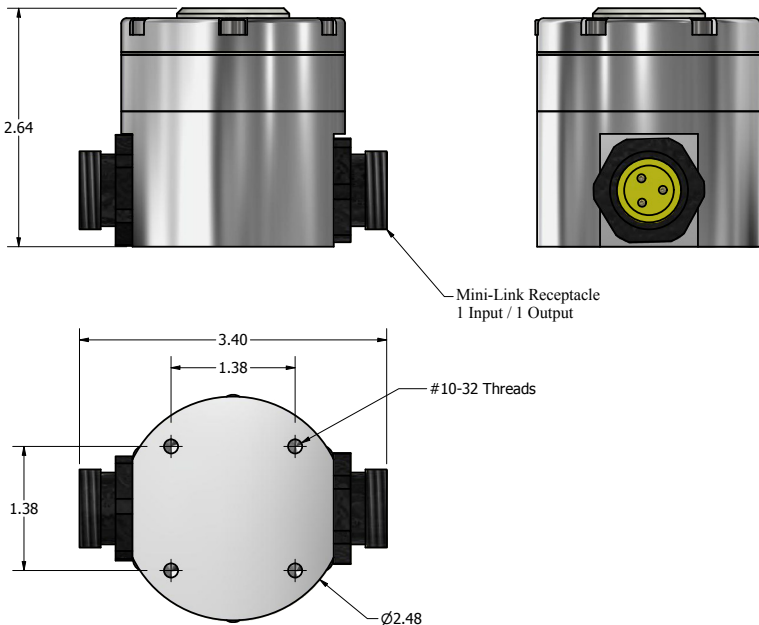
## DESCRIPTION

The ActiveLED® 12V AC string light stands out from other vapor proof lighting by combining the efficiency and performance of ActiveLED technology with robust design and construction. Ideal for illuminating confined spaces where flammable gases, vapours, liquids and dusts may be present. The portable ActiveLED vapor 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 Vapor 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 VPSL Vapor Proof Light consumes at least 50-85 percent less energy than conventional lamp or other LED lighting. With its patented design and superior LED elements, the ActiveLED Vapor Proof 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.



VPSL Series Vapor Proof String Light 10 Piece Kit

## DIMENSIONS



## MOUNTING OPTIONS

Multiple mounting options available. Contact manufacturer for more information.

## FEATURES

- Vapor Proof Fixture and Power Supply
- 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.



LIGHT OUTPUT

**900 Lm**

WATTS

**4.5 W**

LUMENS per WATT

**200 Lm/W**

LIGHT COLOR (CCT)

**5,000 K**

NOTE: Lighting Facts shown for VPSL Single Light at 4.5w only.  
For more Lighting Facts, visit [lightingfacts.com](http://lightingfacts.com) for the Label and Label Reference Guide.

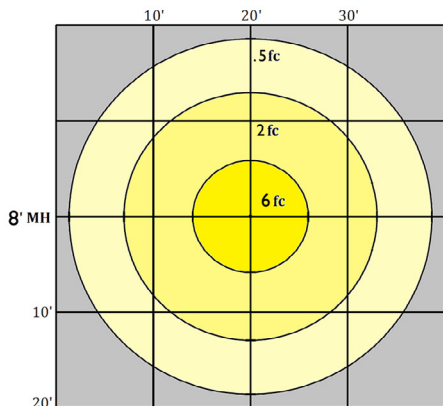
**ActiveLED®**  
Energy Efficient Lighting and Controls



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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 VPSL single Light 4.5W only. Contact company for photometrics on other sizes.

## GENERAL SPECIFICATIONS

Input Voltage	Auto-Sensing 100-277 Volts AC, 50/60 Hz	Single Fixture Output Voltage	12VAC.
Input Power	70 Input Watts	Single Fixture Watt	4.5W
Power Factor	> 0.95 (at ~100-277 Volts)	LED Optics	IP68 rated, thermally bonded LEDs Patented thermal management mounting system
THD	Total Harmonic Distortion (THD) <20% (typical 9%) at full load	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Driver	Integral driver with aluminum housing, integral heat sink and short circuit protection	Housing	Aluminum for enclosure and heat sinking parts, stainless steel hardware
Operating Temperature	-58° F to 140° F (-50° C to 60° C)	Finish	Powder coated after fabrication
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)	Dimensions For Single String Light	2.64" Height, 3.40" Wide and 2.48" Diameter (6.70cm x 8.63cm x 6.29cm)
		Weight	0.8 lbs. for individual light, 8.6 lbs. for Power Supply, 1.2 lbs. for individual 12' Cord

## 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, UL1598, UL1598A, UL listed driver, CE, suitable for wet locations. RoHS compliant. IP68 Rated. 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: HZLSLI0-UB80-50-RD

VPSL		U				YW
Series	Pieces	Driver	BBU	Main Cable	CCT	Color
<b>VPSL</b> Vapor Proof String Light Kit	<b>5</b> 5 String Light Kit	<b>U</b> Universal Driver 100-277 VAC, 50/60 Hz	<b>B</b> With Battery Backup	<b>60</b> 60' Cable	<b>60</b> 6,000K	<b>YW</b> Yellow Vapor Proof
	<b>10</b> 10 String Light Kit		<b>N</b> No Battery Backup	<b>80</b> 80' Cable	<b>50</b> 5,000K	
				<b>100</b> 100' Cable	<b>40</b> 4,000K	
					<b>35</b> 3,500K	
					<b>30</b> 3,000K	
					<b>27</b> 2,700K	