HZL1 Series Hazardous Location Light

HAZARDOUS LOCATION FIXTURES

100-277V | **LM79 LM80** | UL | ETL c us | **IP66**

PROJECT INFORMATION
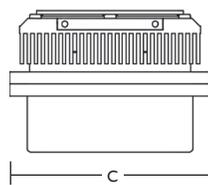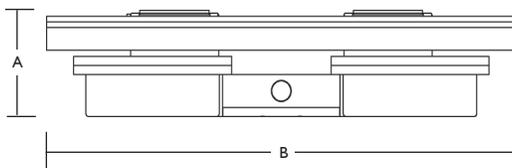
Project Name

Catalog No.   Date

DESCRIPTION

The ActiveLED HZL1 Series Hazardous Location Light provides durability for heavy duty use in demanding conditions where explosive vapors, gases, moisture, corrosion and vibration are prevalent and reliability is critical. The HZL1 provides a T5 temperature rating for use in ambient conditions providing optimum visibility for process, testing and inspection areas.

Applications include: Oil and Gas Refineries, Oil Drilling Rigs and Platforms, Mines, Ships, Shipyards, Wastewater Treatment Plants and more.

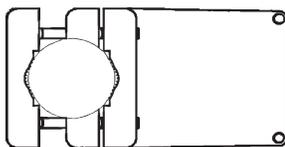HZL1 Series Hazardous Location Light

DIMENSIONS

A	B	C
4.67"	22"	6.65"
11.86cm	55.88cm	16.89cm

FEATURES

- North America - Class I, Division 1 Groups B, C and D - T5
- Canada - Class I, Division 1, Groups C, D and - T5
- Replaceable lens covers.
- Fully enclosed drivers.
- 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

Clamp range 0.75" to 02.00" tube or pipe.
Clamp attaches to each end of luminaire.

CLASS 1 DIVISION 1

LUM INTENSE Technology INSIDE

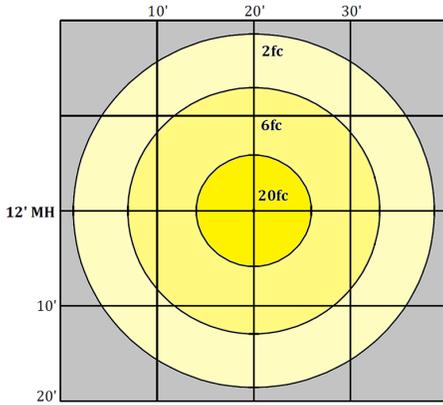| LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
11,250 Lm	**75** W	**150** Lm/W	**5,000** K

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Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for HZL1 75W only.
For more Lighting Facts, visit lightingfacts.com for the Label and *Label Reference Guide.*

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 HZL1 75W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-Sensing 100-277 Volts AC, 50/60 Hz
Input Power	75 Input Watts 72 LED Watts
Power Factor	> 0.95 (at ~100-277 Volts)
THD	Total Harmonic Distortion (THD) <20% (typical 9%) at full load
Driver	Integral driver with aluminum housing and integral heat sink
Operating Temperature	-58° F to 140° F (-50° C to 60° C)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)

LED Optics	IP66 rated, thermally bonded LEDs Patented thermal management mounting system
CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Housing	Aluminum for enclosure and heat sinking parts, stainless steel hardware
Finish	Raw Aluminum
Dimensions	4.67" Height, 6.65" Wide and 22" Length (11.86cm x 16.89cm x 55.88cm)
Weight	33 lbs, 14.96Kg

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 1 Division 1, UL1598, UL1598A, UL listed driver, CE, suitable for wet locations. RoHS compliant. IP66 Rated optical assembly. 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: HZL1U-B-WT50R75RA

HZL1		B	W	T		R75	RA
Unit	**Driver**	**Mount**	**Pattern**	**Diffuser**	**CCT**	**Watts**	**Color**
HZL1 Hazard Light	**U** Universal Driver 100-277 VAC, 50/60 Hz	**B-** Bolt Mount	**W-** Wide	**T-** Tempered Glass	**50-** 5,000K	**R75** 72W LED, 75W Max	**RA-** Raw Aluminum
	L 12 VAC Low Voltage Driver				**40-** 4,000K		
					35- 3,500K		
					30- 3,000K		
					27- 2,700K		

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3202 06.05.2017

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