100-277V **LM79 LM80** UL ETL LISTED C US **IP66**

PROJECT INFORMATION

Project Name

Catalog No.   Date

DESCRIPTION

The ActiveLED HZL2 Series Hazardous Location Light is designed and certified for lighting hazardous applications such as oil drilling rigs, oil platforms, mines, sugar mills, grain silos, ships, and other hazardous dust location facilities. The HZL2 provides optimum visibility for process, testing and inspection areas and features a T4a temperature rating for use in ambient conditions.
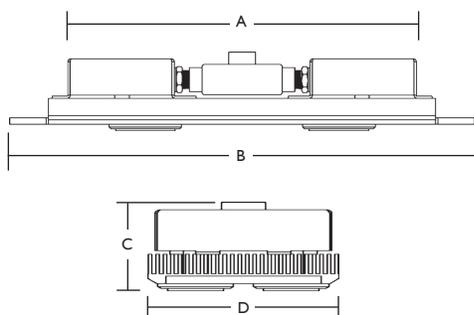
The 8,000-11,000 lumen fixture emits a cool white light at 5,000K CCT (sunlight at horizon), resulting in crisp and clear illumination that is intended to replace traditional fluorescent and HID lighting fixtures.

Applications include: Oil Drilling Rigs, Oil Platforms, Mines, Sugar Mills, Grain Silos, and Ships.

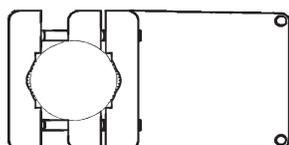HZL2 Series Hazardous Location Light

DIMENSIONS

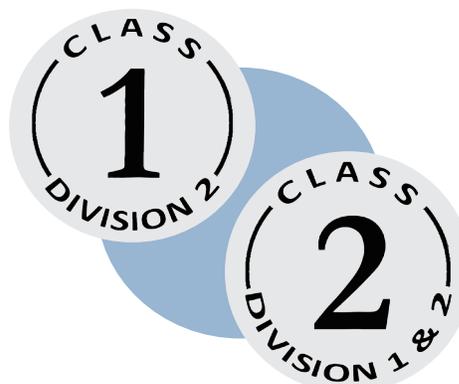| A	B	C	D
20"	24"	4.52"	6"
50.80cm	60.96cm	11.48cm	15.24cm

FEATURES

- Class I, Division 2, Groups A, B, C, and D --T4A, or T5
- Class II, Division 1 & 2, Groups E, F, and G --T4A, or T5
- Replaceable lens covers.
- Fully potted drivers.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- 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 2

CLASS 2 DIVISION 1 & 2

LUM INTENSE Technology BUILT-IN

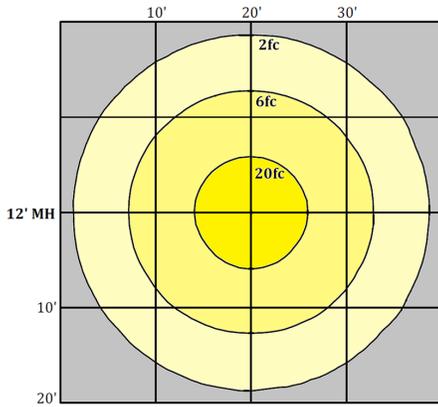| LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
13,000 Lm	**90** W	**140** Lm/W	**5,000** K

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NOTE: Lighting Facts shown for HZL2, 90W 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 HZL2 90W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-Sensing 100-277 Volts AC, 50/60 Hz
Input Power	75 and 90 Input Watts 72 and 88 LED Watts
Power Factor	> 0.99 (at ~100-277 Volts)
THD	Total Harmonic Distortion (THD) <3.5% (typical 4%) at full load
Driver	Integral driver with aluminum housing and integral heat sink
Operating Temperature	-40° F to 140° F (-40° 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, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Housing	Extruded aluminum for enclosure and heat sinking parts, stainless steel hardware
Finish	Raw Aluminum
Dimensions	6" Height, 4.52" Wide, 20" Length and 24" length with handle (15.24cm x 11.48cm x 50.80cm x 60.96cm with handle)
Weight	28 lbs, 12.7Kg

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, C1 D2, C2 D1, C2 D2, UL1598, 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: HZL2U-B-WS50R90RA

HZL2	U	B	W	S			RA
Unit	**Driver**	**Mount**	**Pattern**	**Diffuser**	**CCT**	**Watts**	**Color**
HZL2 Hazard Light	**U-** Universal Driver 100-277 VAC, 50/60 Hz	**B-** Bolt Mount	**W-** Wide	**S-** Starfire Glass	**50-** 5,000K **40-** 4,000K **35-** 3,500K **30-** 3,000K **27-** 2,700K	**R75** 72W LED, 75W Max (6,915 Lumens) **R90** 88W LED, 90W Max (8,298 Lumens)	**RA-** Raw Aluminum

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