



# Certificate of Compliance

**Certificate:** 70014592

**Master Contract:** 151933

**Project:** 70014592

**Date Issued:** December 22, 2014

**Issued to:** Killark Electric Manufacturing Co.

3940 Dr. Martin Luther King Dr.  
St. Louis, MO 63113  
USA  
Attention: Thomas J. Michalski

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** Domenic Somma

## **PRODUCTS**

**CLASS 3428 83** - FIXTURES AND FITTINGS - For Hazardous Locations-Certified to U.S. Standards

**CLASS 3428 03** - FIXTURES AND FITTINGS - For Hazardous Locations

**Class I, Div. 2, Groups A, B, C and D; Class II, Div. 1, Groups E\*, F and G; Class III; Temperature Coded T4A or T5; Enclosure Type 4X:**

**Ex nA T4 or T5; IP66:**

**AEx nA T4 or T5; IP66:**

- LED Fixture for use in hazardous locations, Series LZ2XL, followed by 13, 18, 28, 45, 19, 26, 40, 60, 27, 34, 55, 80, 39, 50, 75, 120; followed by 19, 30, 33 or 34; followed by F, FF, TBLx, Px, QD, D20, D202, D25, D252, LZ2R, LF, GS or LS; Rated 277 V AC max, 250 VDC max, 120 W max, 24 inches or 48 inches. The "X" in the catalog description can either be an "N" denoting a molded fiberglass reinforced polyester body or an "S" denoting a stainless steel enclosure.

Notes:



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1. \* Class II, Groups E, F and G for Model LZ2SL version only (Stainless Steel Enclosure)

**APPLICABLE REQUIREMENTS**

The following standards were used in the evaluation of the products covered under this Certificate:

CAN/CSA-C22.2 No.	0-10	-	General Requirements – Canadian Electrical Code, Part II
CAN/CSA-C22.2 No	94-M91	-	Special Purpose Enclosures
CAN/CSA-C22.2 No	60529:05	-	Degrees of Protection Provided by Enclosures (IP Code)
CAN/CSA-C22.2 No	137-M1981	-	Electric Luminaires for Use in Hazardous Locations
CAN/CSA-C22.2 No.	250 -2000	-	Luminaires
ANSI/UL Standard	1598 – 3rd Edition	-	Luminaires
ANSI/UL Standard	1598A – 1st Edition	-	Marine Use Electric Lighting Fixtures
ANSI/UL Standard	844 – 12th Edition	-	Luminaires for Use in Hazardous (Classified) Locations
ANSI/IEC Standard	60529 – 2004	-	Degrees of Protection Provided by Enclosures (IP Code)
ANSI/UL Standard	50E – 1st Edition	-	Enclosures for Electrical Equipment, Environmental Considerations
ANSI/UL Standard	8750 – 1st Edition	-	Light Emitting Diode (LED) Equipment for use in lighting
Product			
CAN/CSA-C22.2 No. 60079-15:03		-	Electrical Apparatus for Explosive Gas Atmospheres-Part 15:  Electrical Apparatus with Type of Protection “n”
CAN/CSA-C22.2 No. 60079-0:06		-	Electrical Apparatus for Explosive Gas Atmospheres-Part 0:  General Requirements
ANSI/UL No. 60079-0		-	Electrical Apparatus for Explosive Gas Atmospheres-Part 0:  General Requirements



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ANSI/UL No. 60079-15  
15:

- Electrical Apparatus for Explosive Gas Atmospheres-Part

Electrical Apparatus with Type of Protection “n”

### **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The equipment is marked with the following information. The following markings shall appear on an approved self adhesive backed label(s).

- Submitter's name, Trade Mark, File Number or Master Contract Number,
- Catalog number,
- Hazardous location rating designation (may be optionally marked with Zone marking e.g. (Class I, Zone 2, Groups IIA, IIB, IIC),
- Date code or serial code,
- The CSA Monogram with C US indicator,
- Complete Electrical Ratings: Voltage, Amperes, Frequency and Wattage,
- Supply wire temperature rating,
- Operating Ambient (55°C max),
- Temperature Code or Maximum Operating Temperature;
- CSA2014.70014592X (where applicable);
- "CAUTION: To Prevent Ignition Of Hazardous Atmospheres, Disconnect The Fixture From The Supply Circuit before opening. Keep tightly closed while circuits are alive."
- "WARNING: To Prevent Fire Or Explosion Do Not Install Where The Marked Operating Temperature Exceeds Ignition Temperature Of Hazardous Atmospheres"



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- Reference to Installation Instruction Form No. K1267 or K1308.
- May be marked with “SUITABLE FOR WET LOCATIONS” , “IP66” and “Enclosure Type 4X”.
- May be marked “Marine Luminaries” and “Outdoor Type” when provided with stranded wiring, and without fusing option.