



Certificate of Compliance

Certificate: 2143715 (LR11716)

Master Contract: 151933

Project: 2264361

Date Issued: 2010/01/21

Issued to: Killark Electric Manufacturing Co.

3940 Martin Luther King Dr
St. Louis, MO 63113
USA

Attention: Mr. 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.



D. Somma, C.E.T.

Issued by: D. Somma, C.E.T.

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 F and G; Temperature Coded T3, T5 or T6; Class III, Enclosure Type 3 and/or 4

Class I, Zone 2, AEx nA II T3 or T6; IP66, IP67 & IP68.

Ex nA II, T3 or T6: IP66, IP67 & IP68

- Compact Fluorescent Lighting Fixtures, Series NWP followed by FN or FE; followed by 13, 18, 26, 1313, 1818, 2626, 0013, 0018 or 0026; followed by 30 or DC120, followed by A, AA, P, PP, S or SS. may be followed by P1 or P2; Rated 277 VAC max, 125 VDC max, 26 W max.



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APPLICABLE REQUIREMENTS

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

- CAN/CSA-C22.2 No 0-M91 - General Requirements
- CAN/CSA-C22.2 No 9.0-96 - General Requirements for Luminaires
- CAN/CSA-C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
- CAN/CSA -C22.2 No. 30-M1986 - Explosion -Proof Enclosures for Use in Class I Hazardous Locations
- CAN/CSA- E61241-1-1:02 - Electrical apparatus for use in the presence of Combustible dusts
- CAN/CSA-C22.2 No 94-M - Special Purpose Enclosures, Industrial Products
- CAN/CSA-C22.2 No.137-M1981 - Electric Luminaires for Use in Hazardous Locations
- CAN/CSA E60079-15:02 - Electrical Apparatus for Explosive Gas Atmospheres Part 15: Type of Protection "n"
- ANSI/UL Standard 1598 - Luminaires
- ANSI/UL Standard 844 - Luminaires for Use in Hazardous (Classified) Locations
- ANSI/UL Standard 60079-15 - UL Standard for Safety Electrical Apparatus for Atmospheres Electrical Apparatus with "n"
- ANSI/UL Standard 2279 - Part 0 - General Requirements

MARKINGS

- Submitter's name
- Catalogue number
- Hazardous location rating designation
- Date code or serial number
- Complete Electrical Ratings: Voltage, Frequency and Wattage
- Lamp Type
- Operating Ambient & Temperature Code



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- "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"
- Rated maximum ambient temperature 40°C or 50 °C were applicable
- "For Supply Leads, see Table 1."
- "May be marked Type 4X, IP66, IP67 and/or IP68" and/or "Suitable For Wet Locations"
- CSA Monogram with the C US indicator along with Certificate Number
- Reference to Installation Instruction Form No. K1335
- "CAUTION: This unit has more than one power supply connection point, to reduce the risk of electrical shock, disconnect both branch circuit – breakers or fuses and emergency power supplies before servicing. See instruction sheet K1335 for installation, operation and maintenance instruction. To prevent ignition of hazardous atmospheres, disconnect this fixture from the supply and remove fixture from hazardous location before opening"