



Certificate of Compliance

Certificate: 2203724

Master Contract: 151933

Project: 2203724

Date Issued: 2009/08/20

Issued to: Killark Electric Manufacturing Co.

3940 Martin Luther King Dr

St. Louis, MO 63113

USA

Attention: Mr. Tom 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 4818 83 - SIGNAL APPLIANCES-Miscellaneous - For Hazardous Locations-
Certified to U.S. Standards

CLASS 4818 03 - SIGNAL APPLIANCES - Miscellaneous - For Hazardous Locations

**Class I, Division 2 Groups A, B, C, D; Class II, Groups F and G; Class III; Encl Types 3 and 4; IP66 ;
factory sealed.**

- Warning strobe Xenon light rated 240V ac max, 60Hz, and 80V dc max. Series NVSZ followed by M; followed by F; followed by G, B, W, R, followed by 01, 08, 26; followed by A, B, C, G, R; may be followed by A, B, X, M, W; may be followed by G, N.
- Warning strobe LED light rated 120 thru 240V ac - 60Hz; and 80V dc max. Series NVSL followed by; followed by C; followed by F, S; followed by G, B, W, or R; followed by 25, 26; followed by A, R, G, B, or C; may be followed by A, X, M, B, W ; may be followed by G or N.



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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. No. 0 - General Requirements – Canadian Electrical Code, Part II

CAN/CSA-C22.2 No. No. 0.5-1982 – Threaded Conduit Entries – Canadian Electrical Code, Part II

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. 94-M91 - Special Purpose Enclosures

CAN/CSA-C22.2 No. 137 - M1987 - Electric Luminaires for Use in Hazardous Locations

ANSI/UL Standard - 844 - Luminaires for Use in Hazardous (Classified) Locations

ANSI/UL Standard 1598 – Luminaires

ANSI/UL Standard 1598A – Luminaires for Marine Installations

ANSI/UL Standard 1604 - Electrical Equipment for Use in Class I and II, Div. 2, Class III Hazardous Locations

ANSI/UL Standard 1638 – Visual Signal Appliances

CAN/CSA E60529:05 – Degree of protection provided by enclosures (IP Code)

MARKINGS

The equipment is marked with the following information:

- Manufacturer's name, Trade Mark, File Number or Master Contract Number
- Catalogue number, Hazardous location rating designation, date code, the CSA Monogram with C US indicator and the following:
 - "Open circuit before re-lamping" (Xenon fixture only).
 - Complete Electrical Ratings
 - Temperature Code
- "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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- "CAUTION: See Instruction Sheet For Installation Operating And Maintenance Instructions"
- May be marked with "suitable for wet locations" and or IP66 and or CSA Enclosure Types 3 and 4

- Use supply wire suitable for at least 60 Deg C.