



Certificate of Compliance

Certificate: 2421285

Master Contract: 151933

Project: 2421285

Date Issued: May 2, 2011

Issued to: Killark Electric Manufacturing Co.

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

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, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; Class I, Zone 2; Temperature Coded T4A, T4 or T3C (where applicable)

- LED Luminaires for use in hazardous locations, Series VM4L, rated 277 V max, 50/60 Hz, 120W max.

Consisting with the following Luminaires Fittings:

Optics – VMG25, VMR255, VMR251, VMR253, VZRG4050, VMER40, VMEP40, VZRP175B

Guards – VMAG25S, VMRWGS, VMERG

Reflectors – VMPSD40, VMPPA40



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Mounting Splice Boxes – VMA2B, VMA3B, VMF2B, VMF3B, VMX2B, VMX3B, VMX6B, VMX7B, VMX8B, VMX9B, VMB2B, VMB3B, VMC2B, VMC3B, VMD4B, VMD5B, VMS4B, VMS5B

LED Tank Assembly- VM4L12030, may be followed by A, B, X, C, D, S followed by 2, 3, 4, 5, 6, 7, 8, 9 followed by GL, GG, R5, R1, S8, S2, S5, P5 followed by G, N followed by F, FF, TBX, QD, PX.

Notes:

- Series Catalogue Number VM4L is followed with alphanumeric suffixes denoting electrical and mechanical variations

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
	25-1966	-	Enclosures for use in Class II, Groups E, F and G
Hazardous Locations.			
	94-M91	-	Special Purpose Enclosures
	137M1981	-	Electric Luminaires for Use in Hazardous
Locations			
ANSI/UL Standard	1598 – 3rd Edition	-	Luminaires
	1604 – 3rd Edition	-	Electrical Equipment for Use in Class I and II, Div. 2, Class
III Hazardous Locations			
	844 – 12th Edition	-	Luminaires for Use in Hazardous (Classified) Locations
	50E – 1st Edition	-	Enclosures for Electrical Equipment, Environmental
Considerations			
	8750 – 1st Edition	-	Light Emitting Diode (LED) Equipment for use in
lighting product			

MARKINGS

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



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- Submitter's name, Trade Mark, File Number or Master Contract Number
- Catalogue number,
- Hazardous location rating designation,
- Date code or serial code,
- The CSA Monogram with C US indicator and the following:
 - Complete Electrical Ratings: Voltage, Amperes, Frequency and Wattage
 - Lamp Type,
 - Supply wiring temperature marking,
 - Operating Ambient & Temperature Code per table 1.
- "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"
- "CAUTION: See Instruction Sheet K1376 for Installation Operating and Maintenance Instructions"
- May be marked with "suitable for wet location" and or IP66.