



# Certificate of Compliance

**Certificate:** 70170001 **Master Contract:** 164460 (065182\_0\_000)  
**Project:** 70170001 **Date Issued:** 2018-03-14  
**Issued to:** EGS Electrical Group LLC  
 9377 W Higgins Rd  
 Rosemont, Illinois 60018  
 USA  
 Attention: Stephan Nalywajko

*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:** *Steven Simkevitz*  
 Steven Simkevitz

## PRODUCTS

**CLASS - C342803 - FIXTURES AND FITTINGS-For Hazardous Locations**

**CLASS - C342883 - FIXTURES AND FITTINGS-For Hazardous Locations-Certified to U.S. Standards**

**Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; T-coded per table below; Type 3R, 4 and 4X; IP66, 67; Marine Outside Type (Salt Water) for USA only;**

- Contender LED – Series VMV luminaires for use in hazardous locations; ceiling surface, wall surface or pendant mounted; rated input voltage 120-277 VAC, 50/60 Hz, 125-300 VDC or 347-480 VAC, 50/60 Hz; 55 Watts max; T<sub>ambient</sub> -40 °C to +65 °C per table below.
- Cat. No. VMV, may be followed by 3L, 4L or 5L, followed by C, followed by P5, D5, G5, or J5, followed by BU or BH.

Series Number	Min Supply Wire (C°)	Max Driver Current (mA)	Max Ambient Temperature (C°)	Class I Division 2 Groups A, B, C and D	Class I, Zone 2, Group IIC	Class II, Division 1, Groups E, F and G	Zone 21, Group IIIC	Class I, Division 2 & Class II, Division 1
VMV3L**5B*	90	720	40	T4A	T4	T6	T6	T4A
			55	T4	T4	T6	T6	T4



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			65	T4	T4	T5	T5	T4
VMV4L**5B*	90	1000	40	T4A	T4	T6	T6	T4A
			55	T4	T4	T6	T6	T4
			65	T4	T4	T5	T5	T4
VMV5L**5B*	90	1300	40	T4A	T4	T6	T6	T4A
			55	T4	T4	T6	T6	T4
			65	T4	T4	T5	T5	T4

**Notes:**

1. \*\*\* Series model VMV is followed with alphanumeric suffixes to denote electrical and mechanical variations. Refer to nomenclature for details.
2. Marine Outside Type (Salt Water) rating applies to installation in the USA only.
3. Luminaire is not intended for mounting with LEDs in Face up orientation.
4. Luminaire for marine application in the US is intended to be installed in accordance with CG-259 American Bureau of Shipping and Coast Guard requirements.

**APPLICABLE REQUIREMENTS**

CAN/CSA C22.2 No. 0-10	-	General requirements — Canadian Electrical Code, Part II
CAN/CSA C22.2 No. 94.2-15	-	Enclosures for electrical equipment, environmental considerations
CAN/CSA C22.2 No. 137-M1981	-	Electric Luminaires for Use in Hazardous Locations
CAN/CSA C22.2 No. 250.0-08	-	Luminaires
CAN/CSA C22.2 No. 250.13-14	-	Light emitting diode (LED) equipment for lighting applications
CAN/CSA-C22.2 No. 60529:16	-	Degrees of protection provided by enclosures (IP Code)
CAN/CSA E60598-1:16	-	Luminaires — Part 1: General requirements and tests
UL 50E, Second Edition	-	Enclosures for electrical equipment, environmental considerations
UL 844, Thirteenth Edition	-	Luminaires for Use in Hazardous (Classified) Locations
UL 1598, Third Edition	-	Luminaires
UL 1598A, First Edition	-	Supplemental Requirements for Luminaires for Installation on Marine Vessels
UL 8750, Second Edition	-	Light Emitting Diode (LED) Equipment for Use in Lighting Products



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70170001	2018-03-14	New Class and Division certification of Contender LED for North America.