

Certificate of Compliance

Certificate: 80153885

Master Contract: 301535

Project: 80153885

Date Issued: 2023-01-30

Issued To: Grimco, Inc
11745 Sappington Barracks Rd.
St. Louis, Missouri, 63127
United States

Attention: Michael Kerber

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: Judy Zhou
Judy Zhou

PRODUCTS

CLASS – 3426 33 - SIGNS LED Modules and Strips-Component

CLASS – 3426 93 - SIGNS LED Modules and Strips-Component-Certified to US Standards

Component LED Drivers, Sign Accessories, Class 2 Output. See following table for electrical ratings.

Model No.	Input				Output (Constant Voltage)			Use Conditions
	Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Voltage (Vdc)	Current (A)	Power (W)	
H60W-MD-12	100-277	50/60	0.7	70	12	5	60	Damp
H60W-MD-24	100-277	50/60	0.7	70	24	2.5	60	Damp
H60W-SD-12	100-277	50/60	0.8	73	12	5	60	Wet
H60W-SD-24	100-277	50/60	0.8	73	24	2.5	60	Wet
H120W-SD-12	100-277	50/60	1.45	145	12	5	60	Wet
					12	5	60	
H96W-SD-24	100-277	50/60	1.10	110	24	4	96	Wet
H180W-SD-12	100-277	50/60	2.07	207	12	5	60	Wet
					12	5	60	
					12	5	60	
H192W-SD-24	100-277	50/60	2.16	216	24	4	96	Wet
					24	4	96	
H240W-SD-12	100-277	50/60	2.8	275	12	5	60	Wet
					12	5	60	
					12	5	60	
					12	5	60	
H288W-SD-24	100-277	50/60	3.4	355	24	4	96	Wet
					24	4	96	
					24	4	96	
H96W-MD-24	100-277	50/60	1.10	110	24	4	96	Damp

Conditions of Acceptability:

When installed in the end-use equipment, consideration shall be given to the following:

1. These products have been evaluated to Class 2 output requirements.
2. These products have been tested with electronic load.
3. The temperature tests were performed at nominal 60°C ambient for models H60W-SD-12, H60W-SD-24, H120W-SD-12, and H96W-SD-24, 40°C ambient for models H60W-MD-12, H60W-MD-24, H96W-MD-24, and 45°C ambient for models H180W-SD-12, H192W-SD-24, H240W-SD-12, H288W-SD-24.
4. These products are intended for building in.
5. For models H60W-MD-12, H60W-MD-24, H96W-MD-24: these products are intended for use in dry or damp locations. For models H60W-SD-12, H60W-SD-24, H120W-SD-12, H96W-SD-24, H180W-SD-12, H192W-SD-24, H240W-SD-12, H288W-MD-24: these products are intended for use in dry, damp, or wet locations.
6. Models H60W-MD-12, H60W-MD-24, H96W-MD-24 are provided with CSA certified or UL recognized, min. 18 AWG, stranded leads, rated min. 105°C, min. 300V for input and output connections; Models H60W-SD-12, H60W-SD-24, H120W-SD-12, H96W-SD-24, H180W-SD-12, H192W-SD-24, H240W-SD-12, H288W-SD-24 are provided with flexible cord of Listed, Type SJTW or SJOW, min. 18AWG, rated min. 105°C, min. 300V for input and output connections. Acceptability of the input lead wire with respect to size, wire type, and use conditions is to be determined as part of the end product evaluation.
7. LED driver or power supply spacing to thermoplastic, wood, fiber, or other combustible type enclosure materials shall be 1 inch unless temperature tested.
8. Two or more adjacent LED drivers or LED power supplies shall not be mounted closer than 1 inch end to end or 4 in. side to side unless temperature tested for the application.
9. For models H120W-SD-12, H180W-SD-12, H192W-SD-24, H240W-SD-12, H288W-SD-24: these products have multiple outputs. Interconnection of these outputs has not been evaluated. Additional evaluation may not be necessary in LED luminaire designs where 1)- the output pairs are separated/ isolated and 2)- LED driver output connections other than the intended termination pairs is not possible. In all cases, acceptability of interconnection of these outputs (and the associated circuits) is to be considered as part of the end product evaluation.

APPLICABLE REQUIREMENTS

CSA C22.2 NO. 207:15 (reaffirmed 2020)	-	Portable and Stationary Electric Signs and Displays
UL 879 Ed. 9 (2022-04-22)	-	Electric Sign Components



Notes: Products certified under Class C342633 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

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

Project:	Date:	Description:
80153885	2023-01-30	CSA certification of Sign Components - UL Recognized LED Drivers (UL E515513 and E350828), Models: H60W-MD-12, H60W-SD-24, H60W-MD-24, H120W-SD-12, H96W-SD-24, H180W-SD-12, H192W-SD-24, H240W-SD-12, H288W-SD-24, H96W-MD-24