

DMVFB Emergency Compact Fluorescent Continuous Operation Champ® Luminaires

- Cl. I, Div. 2, Groups A, B, C, D
- Restricted Breathing Cl. I, Div. 2 & Zone 2 (Suffix S826)
- Certified for IEC Zone 2 (Suffix S826TB)
- Cl. II Groups E, F, G, Cl.III & Simultaneous Presence
- Marine & Wet Locations
- 3, 3R, 4, 4X; IP66
- Emergency Lighting

Application:

DMVF series Champ lighting luminaires are used:

- where emergency lighting is required to permit workers in industrial areas to safely encounter their surroundings during power failures.
- Where emergency egress lighting is required, such as: catwalks, walkways, tunnels, doorways, stairs, stairwells, ramps, and aisles.
- in areas made hazardous by abnormal conditions resulting in the presence of flammable vapors or gases.
- in areas made hazardous by the presence of combustible dusts.
- where combustible dusts and flammable vapors are present simultaneously.
- in marine applications where water spray and corrosive atmospheres are considerations.
- on installations where vibration and rough usage are problems.
- where a cool, efficient light source is required.
- in areas that require lamps to reach full illumination immediately.
- in refineries, chemical and petrochemical facilities, grain processing, handling or storage facilities, manufacturing plants waste water treatment plants sewage treatment plants, oil terminals, food processing facilities, breweries, and any other manufacturing or processing facility where safe, reliable, hazardous area fluorescent or auxiliary lighting is needed.

Standard Features:

- Housings made of die-cast copper-free aluminum (less than 0.4 of 1% copper) for strength and resistance to corrosion.
- Mounting modules equipped with integral hub set screws for vibration resistance (ceiling, pendant, and quad mounts).
- Hubs are provided with an integral conduit stop and bushing to help prevent damage to field wiring during installation.
- Epoxy powder finish and stainless steel external hardware for resistance to corrosion.
- Long-life gaskets which provide seals between mounting module, housing, and optical assembly.
- Grounding wire for safety.
- Cool operating design.
- Optional stainless steel open bottom guard permits direct access to the globe for easy relamping.
- Battery pack ballast for emergency lighting.

Energy Savings

- Less wattage used with compact fluorescent lamps compared to equivalent incandescent lamps providing the same light output.

About the battery: (DMVFB Units)

- Bodine fluorescent battery pack ballasts are UL Component Recognized.
- Sealed, maintenance-free, high-temperature nickel-cadmium
- Solid state chargers are sealed inside the ballast case.
- 90 minute illumination time
- 10-year life expectancy
- 2-year full warranty
- During auxiliary use 1 lamp has continuous operation
- A red indicator light indicates the battery is charging.
- Wiring instructions for a "Push-to-Test" button is supplied with the luminaire.

Standard Materials:

- Ballast housings and mountings – copper-free aluminum (less than 0.4 of 1%).
- Exterior hardware and guards – stainless steel.
- Reflectors – Krydon® fiberglass-reinforced polyester material.
- Globe – heat and impact resistant internally fluted glass.

Standard Finishes:

- Aluminum – gray epoxy powder coat.
- Krydon material – high reflectance white.
- Stainless steel – natural.

Electrical Rating Ranges:

- 52 and 64 watts
- 120-277V, 50-60 Hz
- 347V, 60 Hz

Certifications and Compliances:

- NEC/CEC:
 - Class I, Division 2, Groups A, B, C, D
 - Class II, Class III & Simultaneous Presence (Class I Division 2 and Class II)
 - Class I Zone 2
 - Emergency Lighting
- IEC
 - Zone 2 Ex nR IIC
- UL Standards
 - 844, 2279 Hazardous (Classified) Locations
 - 1598 Luminaires
 - 1598A Marine Locations
 - 924 Emergency Lighting
- CSA Standards
 - C22.2 No. 137
- IEC Standards
 - 60079-15



Options:

Description	Suffix to be added to Cat. No.
<ul style="list-style-type: none"> • Restricted Breathing Construction - Class I Division 2 & Zone 2 Suitability - Cooler Operating Temperatures (T-Numbers) 	S826
<ul style="list-style-type: none"> • Certified for IEC Zone 2 (Suffix S826TB) - Furnished with Terminal Block Crimp Terminals 	S826TB
<ul style="list-style-type: none"> • Emergency Operation only 	
<ul style="list-style-type: none"> • Factory Assembled with lamps installed for additional labor savings. add suffix FA. • Fused – to protect ballast against abnormal line conditions (not for use in Canada) (not for Marine use) add suffix S658.* • Lamps supplied with luminaire . . . add suffix S714. • Top hat with stainless steel threaded insert to attach ballast housing add suffix S806. • TEFLON® coating on globe for increased shatter protection add suffix S808. 	






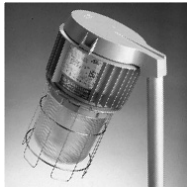

Accessories:

- (Order separately)
- Dome Cat. # RD739
 - 30° Angle Cat. # RA739

* When ordering fuses for luminaires, option S658, you must specify the operating voltage. S658 cannot be ordered with /MT in the catalog number.

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	Mounting Style	Hub Size	Lamp Watts	DMVFB Series Fluorescent with Battery Back-Up with G303 Globe and P33 Guard Cat. No.
	Pendant Mount	3/4	52	DMVFB2A052GP
		1		DMVFB3A052GP
		3/4	64	DMVFB2A064GP
		1		DMVFB3A064GP
	Flexible Pendant Mount	3/4	52	DMVFB2HA052GP
		3/4	64	DMVFB2HA064GP
	Ceiling Mount Thru-Feed	3/4	52	DMVFB2C052GP
		1		DMVFB3C052GP
		3/4	64	DMVFB2C064GP
		1		DMVFB3C064GP
	Wall Mount Thru-Feed	3/4	52	DMVFB2TW052GP
		1		DMVFB3TW052GP
		3/4	64	DMVFB2TW064GP
		1		DMVFB3TW064GP
	Quad-Mount Pendant, Adjustable Thru-Feed, 25° Angle, 12-1/2° Angle	3/4	52	DMVFB25Q052GP
		3/4	64	DMVFB25Q064GP
	Stanchion Mount 25° Angle	1-1/2	52	DMVFBJ052GP
		1-1/2	64	DMVFBJ064GP
	Stanchion Mount Straight	1-1/2	52	DMVFBP052GP
		1-1/2	64	DMVFBP064GP

NOTES:

1. Catalog numbers are basic numbers. **Voltage must be specified.**

Standard Voltage Ballasts

	NEC/UL	CEC/CSA (cUL)	
Voltage Suffix	120-277V 50-60Hz /UNV	120V/60Hz /120CAN	347V 60Hz /347