DMVFB Emergency Compact Fluorescent

DMVF Series Champ Lighting Luminaires

• Where emergency lighting is required to

required, such as: catwalks, walkways,

tunnels, doorways, stairs, stairwells,

• In areas made hazardous by abnormal

flammable vapors or gases

• In areas made hazardous by the

presence of combustible dusts

vapors are present simultaneously

and corrosive atmospheres are

rough usage are problematicWhere a cool, efficient light source

illumination immediately

· On installations where vibration and

• In areas that require lamps to reach full

• In refineries, chemical and petrochemical

facilities, grain processing, handling or

storage facilities, manufacturing plants,

wastewater treatment plants, sewage

treatment plants, oil terminals, food

processing facilities, breweries, and

area fluorescent or auxiliary lighting

Housings made of die-cast copper-free

integral hub set-screws for vibration

 Hubs are provided with an integral conduit stop and bushing to help prevent

resistance (ceiling, pendant, and quad

damage to field wiring during installation

• Epoxy powder finish and stainless steel

external hardware for resistance to

· Long-life gaskets which provide seals

between mounting module, housing,

 Optional stainless steel open bottom guard permits direct access to the globe

· Battery pack ballast for emergency

aluminum (less than 0.4 of 1% copper)

for strength and resistance to corrosion

• Mounting modules equipped with

Standard Features:

any other manufacturing or processing facility where safe, reliable hazardous

conditions resulting in the presence of

• Where combustible dusts and flammable

• In marine applications where water spray

permit workers in industrial areas to

safely encounter their surroundings

· Where emergency egress lighting is

Continuous Operation Champ® Luminaires

Applications:

during power failures

ramps, and aisles

considerations

is needed

mounts)

are used:

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) CI. II, Groups E, F, G; CI. III & Simultaneous Presence Marine & Wet Locations 3, 3R, 4, 4X; IP66 Emergency Lighting

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

Standard Materials:

- Ballast housings and mountings copperfree aluminum (less than 0.4 of 1%)
- External hardware guards stainless steel
- Reflectors Krydon[®] fiberglassreinforced 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

Options: Description

•	Restricted breathing constructionClass I, Division 2 &	S826
•	Zone 2 suitability -Cooler operating temperatures (T-numbers) Certified for IEC Zone 2Furnished with: Terminal Block	
•	Crimp Terminals Emergency operation only – Consult Cooper-Hinds Factory assembled with lamp installed	FA
•	Fused – to protect ballast against abnormal line conditions (not for use in Canada) (not for marine use)	S658 S714
•	Top hat with stainless steel threaded insert to attach ballast housing	S 806

increased shatter protection......



Electrical Rating Ranges:

- 52, 64, and 84 watts
- 120-277V, 50-60 Hz
- 347V, 60 Hz

Accessories:

 Cat. #

 Dome
 RD739

 30° Angle
 RA739

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 fixture

COOPER Crouse-Hinds

and optical assembly

· Cool operating design

for easy relamping

lighting

· Grounding wire for safety

S808

Suffix

Continuous Oneration

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)

DMVFB Series

Fluorescent with Battery

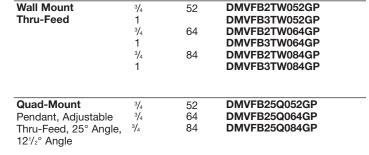
Cl. II, Groups E, F, G; Cl. III & Simultaneous Presence Marine & Wet Locations 3, 3R, 4, 4X; IP66 **Emergency Lighting**

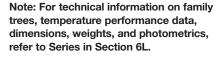
Continuo	us uperation
Champ ®	Luminaires

	Mounting Style	Hub Size (In.)	Lamp Watts	Back-Up with G303 Globe and P33 Guard Cat. #
	Pendant Mount	³ / ₄	52	DMVFB2A052GP DMVFB3A052GP
		3/4	64	DMVFB2A064GP
		1 ³ / ₄ 1	84	DMVFB3A064GP DMVFB2A084GP DMVFB3A084GP
100	Flexible Pendant	3/4	52	DMVFB2HA052GP
	Mount	3/4	64	DMVFB2HA064GP
		3/4	84	DMVFB2HA084GP
Q Y	Ceiling Mount	3/4	52	DMVFB2C052GP
	Thru-Feed	1 ³ / ₄ 1	64	DMVFB3C052GP DMVFB2C064GP DMVFB3C064GP
		³ / ₄ 1	84	DMVFB2C084GP DMVFB3C084GP











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Stanchion Mount	11/2	52	DMVFBP052GP
Straight	11/2	64	DMVFBP064GP
•	11/2	84	DMVFBP084GP

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

Standard Voltage Ballasts

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