

# Hazard-Gard EVLPF compact fluorescent luminaires

Cl. I, Div. 1, Groups B (with suffix GB), C, D  
Cl. I, Zone 1, Groups IIB + H<sub>2</sub> (with suffix GB), IIB, IIA  
Cl. II, Div. 1, Groups E, F, G  
Cl. III & Simultaneous Presence

Marine & Wet Locations  
3, 3R, 4, 4X; IP66

4L

## Applications:

Hazard-Gard® EVLPF low profile luminaires are used in:

- Areas where flammable or explosive vapors or gases are present
- Hazardous areas, both indoors and outdoors, where long life and low maintenance costs are desired
- Petroleum refineries, chemical, petrochemical and pharmaceutical plants, oil terminals, gas plants and other heavy process industry facilities
- Waste treatment facilities
- Drilling platforms and other coastal and offshore hazardous areas



## Features:

- Small, compact size
- Two start Acme threaded construction
- Lightweight copper-free aluminum housing with powdered epoxy finish
- All exterior hardware is corrosion-resistant stainless steel
- Four mounting arrangements – pendant, ceiling, wall bracket and stanchion
- Wide range of light sources and wattages
- Marine and NEMA 4X construction
- Integral ballast
- High power factor (90%+) ballasts
- Uses same mounting modules as the standard Hazard-Gard
- Internally fluted glass globes
- Krydon construction dome and angle reflectors – won't rust, corrode, dent, chip or peel
- Now available in components – luminaire body, mounting module, guard, reflectors
- Three-wire construction is standard on fluorescent emergency lighting
- Perfect where low mounting restrictions are a concern
- Easier assembly, installation and maintenance
- Superior corrosion resistance
- Suits any lighting layout
- Meets specific lighting needs
- Outdoor, hose down, marine and corrosive environments suitable
- Lowest installed cost
- Allows more luminaires per circuit
- Easy retrofitting when the EVLPF is the preferred choice
- Reduces glare and distributes light evenly – ideal for adverse environments typical of industrial facilities
- For energy conservation, luminaires can be switched off without affecting the emergency operation feature

## Certifications and compliances:

### NEC/CEC:

- Class I, Division 1, Groups B (with suffix GB), C, D
- Class I, Zone 1, Groups IIB + H<sub>2</sub> (with suffix GB), IIB, IIA
- Class II, Class III & Simultaneous Presence (Class I and Class II)

### UL standards:

- UL844 – Hazardous (Classified) Locations
- UL1598 – Luminaires
- UL1598A – Marine Locations

### CSA standard:

- C22.2 No. 137

## Standard materials:

- Mounting modules, cover, ballast housing, globe holder – copper-free aluminum
- Globe – heat- and impact-resistant glass
- Exterior hardware – stainless steel
- Reflectors (dome and angle) – Krydon fiberglass-reinforced polyester
- Guard – stainless steel

## Standard finishes:

- Copper-free aluminum – Corro-free epoxy powder coat
- Krydon – high reflectance white

## Electrical ratings:

### Sources/wattage:

- 52W (two 26W lamps); 64W (two 32W lamps)
- 120-277V, 50-60 Hz
- 347V, 60 Hz

### Conduit entries:

- $\frac{3}{4}$ ", 1" NPT – pendant, wall bracket, ceiling mount
- $1\frac{1}{4}$ " NPT – stanchion mount

## Photometrics:

- Refer to [www.eaton.com](http://www.eaton.com) (under the Resources tab of each product family) for specific photometric IES files

## Options:

Description	Suffix
• Group B suitability .....	GB
• Fused.....	S658
<i>Not suitable for marine applications</i>	
• Factory assembled with lamps.....	FA

## Accessories (ordered separately):

Description	Cat. #
• Dome reflector .....	RD739
• Angle reflector .....	RA739
• Exit sign .....	DMVF-EXD

# Hazard-Gard EVLPF compact fluorescent luminaires

Cl. I, Div. 1, Groups B  
(with suffix GB), C, D  
Cl. I, Zone 1, Groups IIB + H<sub>2</sub>  
(with suffix GB), IIB, IIA  
Cl. II, Div. 1, Groups E, F, G  
Cl. III & Simultaneous Presence

Marine & Wet Locations  
3, 3R, 4, 4X; IP66

4L

## Ordering information:



Pendant mount

Watts	Hub size	Pendant	Wall bracket <sup>A</sup>	Ceiling <sup>A</sup>	Stanchion	Luminaire body less mounting module and guard
		Cat. # With guard	Cat. # With guard	Cat. # With guard	Cat. # With guard	
<b>Fluorescent - high power factor ballast (min. P.F. 90%)</b>						
52	3/4"	EVLPFA02521	EVLPFBX02521	EVLPFCX02521		EVLPF0520
	1"	EVLPFA03521	EVLPFBX03521	EVLPFCX03521		
	1 1/4"				EVLPFJ04521	
64	3/4"	EVLPFA02641	EVLPFBX02641	EVLPFCX02641		EVLPF0640
	1"	EVLPFA03641	EVLPFBX03641	EVLPFCX03641		
	1 1/4"				EVLPFJ04641	



Wall bracket mount<sup>A</sup>

Watts	Hub size	Pendant	Wall bracket <sup>A</sup>	Ceiling <sup>A</sup>	Stanchion
		Cat. # Without guard	Cat. # Without guard	Cat. # Without guard	Cat. # Without guard
<b>Fluorescent - high power factor ballast (min. P.F. 90%)</b>					
52	3/4"	EVLPFA02520	EVLPFBX02520	EVLPFCX02520	
	1"	EVLPFA03520	EVLPFBX03520	EVLPFCX03520	
	1 1/4"				EVLPFJ04520
64	3/4"	EVLPFA02640	EVLPFBX02640	EVLPFCX02640	
	1"	EVLPFA03640	EVLPFBX03640	EVLPFCX03640	
	1 1/4"				EVLPFJ04640

### Complete catalog number as follows:

Standard voltage ballasts

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



Ceiling mount<sup>A</sup>



Stanchion mount

<sup>A</sup>Ceiling and wall bracket mounts have four hubs; three are plugged.

# Hazard-Gard EVLPF

## compact fluorescent luminaires

### Ordering by components

Cl. I, Div. 1, Groups B  
(with suffix GB), C, D  
Cl. I, Zone 1, Groups IIB + H<sub>2</sub>  
(with suffix GB), IIB, IIA  
Cl. II, Div. 1, Groups E, F, G  
Cl. III & Simultaneous Presence

4L

**EVLPF luminaires are available in components.**

A complete luminaire consists of:

- I. Mounting module
- II. Luminaire body
- III. Guard, reflector or exit sign

### Mounting modules:

Type	Conduit size	Cat. #
Pendant mount	3/8"	EVMP2
	1"	EVMP3
Ceiling mount and wall box	3/8"	EV22
	1"	EV33
Wall bracket arm	Use EV22 or EV33 box with EV87	EV87
Stanchion mount	1 1/4"	EVMJ4
<b>Guard:</b> Fluorescent		EV512
<b>Reflectors:</b> Dome		RD739
Angle		RA739

### Family tree:

Pendant

EVMP2  
EVMP3

Ceiling

EV22  
EV33

Stanchion

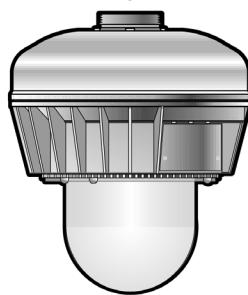
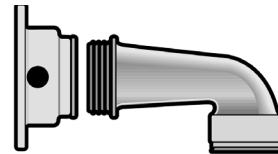
EVMJ4

Ceiling

EV22  
EV33

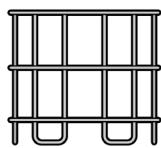
Wall bracket

EV87 & EV22 or EV33

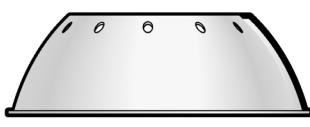


**Fixture body**

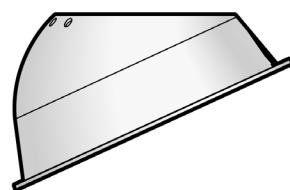
EVLPF0520/UNV  
EVLPF0521/UNV  
EVLPF0640/UNV  
EVLPF0641/UNV



**Guards**  
EV512



**Dome reflector**  
RD739



**Angle reflector**  
RA739

# Hazard-Gard EVLPF compact fluorescent luminaires

Cl. I, Div. 1, Groups B  
(with suffix GB), C, D  
Cl. I, Zone 1, Groups IIB + H<sub>2</sub>  
(with suffix GB), IIB, IIA  
Cl. II, Div. 1, Groups E, F, G  
Cl. III & Simultaneous Presence

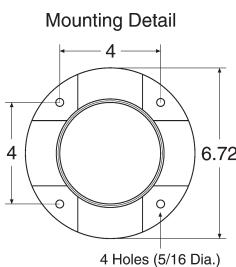
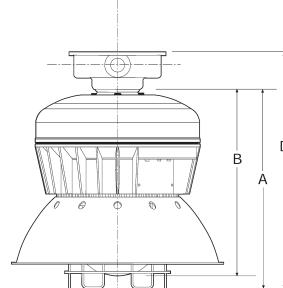
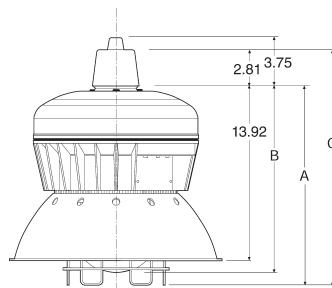
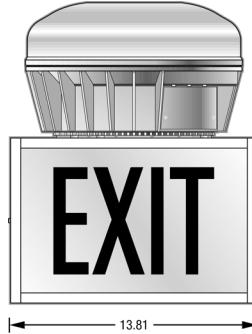
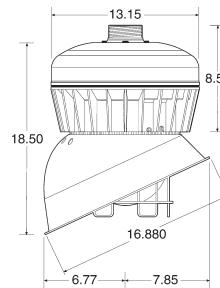
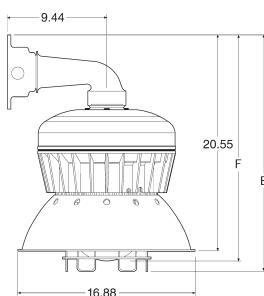
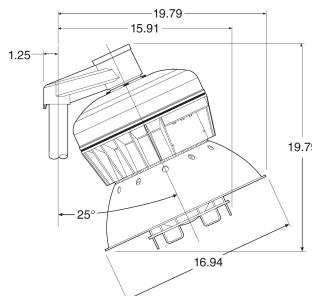
Marine & Wet Locations  
3, 3R, 4, 4X; IP66

4L

## Temperature performance data:

Type	Watts	Minimum operating temp.	Class I, Groups B (with suffix GB), C, D; Class I, Zone 1	Class II, Groups E, F, G; Class III; Simultaneous Presence	Supply wire °C
			40°C	40°C	
Fluorescent	52	-18°C	T6	T6	75
	64	-18°C	T6	T6	75

## Dimensions (in inches):



Wall & Ceiling Mount

Type	A	B	C	D	E	F
Fluorescent	15.69	14.69	18.25	18.46	22.34	21.30

## Net luminaire weights:

Type	Weight (lbs.)
Fluorescent	31.50

Type	Weight (lbs.)
<b>Add mounting modules:</b>	
Pendant	1.00
Ceiling	2.00
Bracket	4.50
Stanchion	2.50
<b>Add reflectors and exit sign:</b>	
Dome	1.00
Angle	1.00
Exit sign (DMVF-EXD)	5.00

**Deduct:** 0.50 lbs. for wire guard