

Explosion Proof Fluorescent Lighting Fixtures

Application

EXLF Series Fluorescent Lighting Fixtures are designed and certified to be used in hazardous areas with presence of flammable or explosive substances in the atmosphere during normal operation. Typical applications are as follows.

- Oil Refineries
- Chemical and Petrochemical Plants
- Offshore and Onshore Plants



Standards and Protections

- Execution:  II 2G Ex de IIC T5
- Area Classification: (Under Certification) to EN 60079-0: 2012, EN 60079-1: 2014, EN 60079-7: 2015
- Ambient Temperature: -20° C / +55° C
- ATEX Directive: 2014/34/EU
- Ingress Protection: IP66 to IEC 60529: 2013

Electrical Features

- Rated Voltage: 110/240 V
- Rated Frequency: 50/60 Hz
- Ballast: Mono or Bi channel electronic
- Power Factor: 0.98
- De-energizing: Safety Micro Switch
- Lamp Holder: 2G11
- Lamp: Compact Fluorescent, TCL type
- Wiring: Silicon wire with Copper conductor, heat resistance, direct connection to terminal strip
L, N, PE Section 4 mm²

Mechanical Features

- End Caps: Copper-free Aluminum Alloy
- Globe: Shock and high temperature resistant borosilicate glass tube
- Coating: Electrostatic Epoxy Painting, RAL 6003
- Bolts: AISI 304 Stainless Steel, class A2/70
- O- Ring and Seal: Silicon rubber
- Reflector: White painted Steel Sheet
- Earth Screws: M6, AISI 304 Stainless Steel, class A2/70, Internal & External
- Cable Entries: 2 x ISO M20

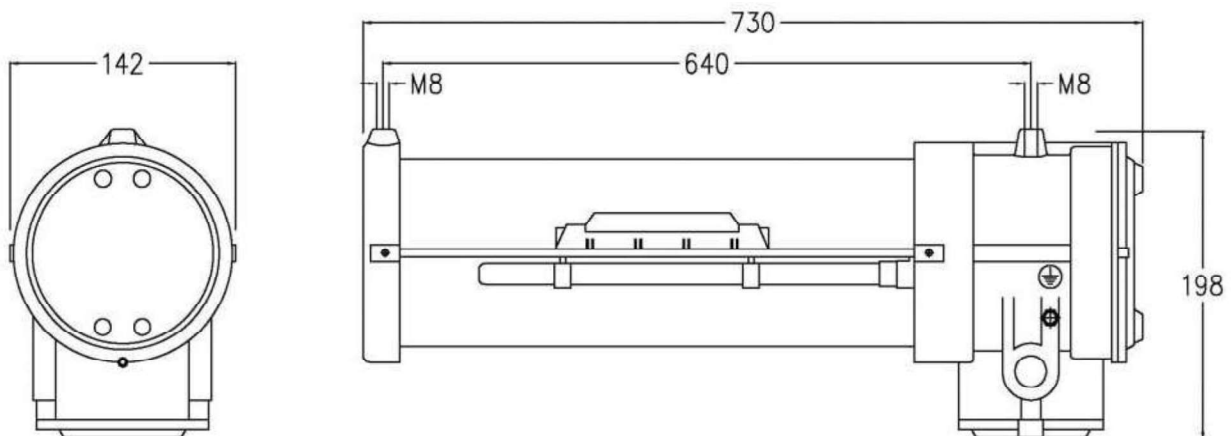
Options on Request

- Different Brackets for Ceiling, Wall, Pole Mounting
- Loop in/ Loop out (Through Wiring)
- Lighting Fixtures suitable for T8 Lamps
- Painting Color in RAL Standard Basis
- Stainless Steel or HDG Mesh Protective Guard
- External Protection
- Emergency Unit
- Bolts & Brackets with Dichromate Coating
- Cable entries in different threading sizes and standards

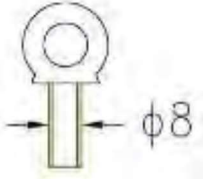
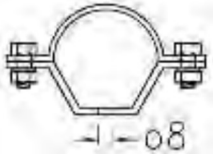
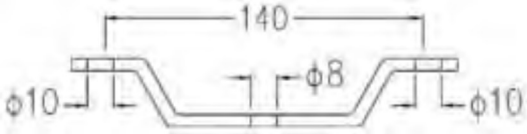
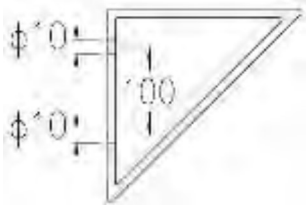
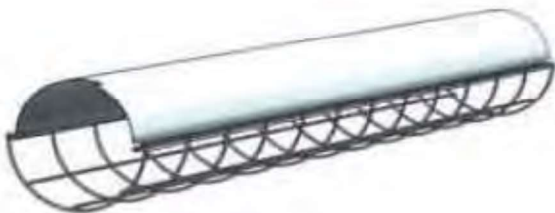
Reference Code and Dimension (mm):

REF. Code	EXLF-218	EXLF-224	EXLF-236	EXLF-240	EXLF-255
Power (Watt)	18	24	36	40	55

- Fixtures can be equipped with N_g 1 or 2 Lamps
- Weight: 5.7 Kg



EXLF Series Accessories

Illustration	Description	Materials
	Pendant Eyebolt Mounting Bracket	Galvanized Steel
	Pole Mounting Bracket	Stainless Steel or Galvanized Steel
	Surface Mounting Bracket Type U	Stainless Steel or Galvanized Steel
	Surface Mounting Bracket Type V	Stainless Steel or Galvanized Steel
	Surface Mounting Bracket Type D	Stainless Steel or Galvanized Steel
	Guard with External Protection	Stainless Steel or Galvanized Steel