

EVF-18X

- Suitable for lighting escape routes and emergency exits
- LED battery monitoring
- For 8W fluorescent tubes



Warning signs

Borosilicate glass

LED battery monitoring



Lamp cover for replacing fluorescent tubes



Compartment for internal batteries

EVF-18...X series Lighting fixtures for safety warnings

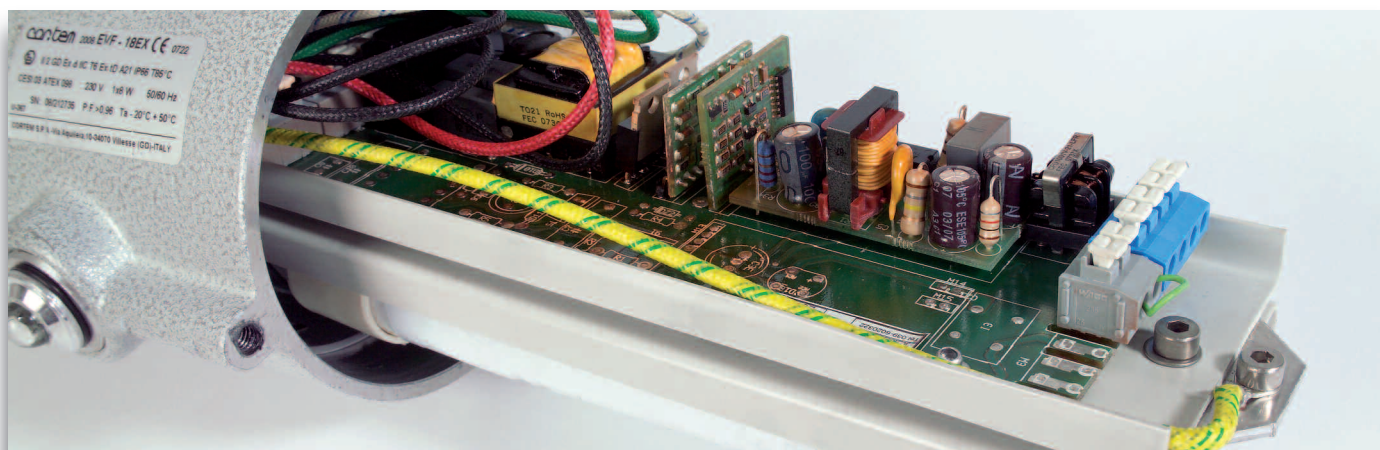
EVF-18...X series emergency lamps comply with ATEX Directive 94/9/EC. They are certified to be installed in Zones 1, 2, 21 and 22. They also fully comply with Directive EN 60598-1 as regards the section on "emergency lamps". These lamps have been specially designed for high performance emergency lighting in areas with little overhead room especially near emergency exits or escape routes. EVF-18...X 8 Watt fluorescent tubes are fitted with electronic ballast. The red/green LED monitors battery function and warns the user in the event of a failure. In the event of a power failure, the system comes on automatically.

Application sectors:

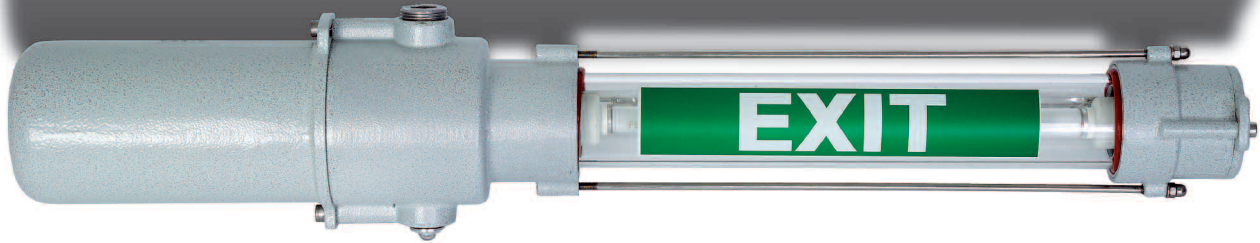


CERTIFICATION DATA

Classification:	Group II	Category 2GD		
Installation: EN 60079.14	zone 1 - zone 2 (Gas)	zone 21 - zone 22 (Dust)		
Marking:	CE 0722 Ex II 2GD Ex d IIC T5 - Ex tD A21 IP 66			
Certification:	ATEX CESI 03 ATEX 098			
	GOST R AVAILABLE		-20°C	+50°C
Standards:	CENELEC EN 60079-0: 2006, EN 60079-1: 2007, EN 61241-0: 2006, EN 61241-1: 2004 and EUROPEAN DIRECTIVE 94/9/EC: 1994 IEC 60079-0: 2004, IEC 60079-1: 2007, IEC 61241-0: 2004, IEC 61241-1: 2004			
Class temperature:	100°C (T5)			
Ambient temperature:	-20°C +55°C			
Degree of protection:	IP66			



EVF-18...X series Lighting fixtures for safety warnings



MECHANICAL FEATURES

Body:	Low copper content aluminium alloy
External tube:	Shock and high temperature resistant borosilicate glass
Seal:	Silicone resin between the aluminium heads and the glass tubes
Gaskets:	Acid/hydrocarbon resistant neoprene
Bolts and screws:	Stainless steel
Mounting:	2 x galvanised steel brackets with Ø9 slots
Entries:	2 x 3/4" threaded NPT. Lighting fixture complete with 1 x PLG2NA aluminium plug
Coating:	Epoxy coating Ral 7035 (Light grey)
Corrosion Resistance :	The STANDARD of the aluminium alloy used by Cortem has passed the tests required by standards EN60068-2-30 (hot/humid cycles) and EN60068-2-11 (salt mist tests)


ELECTRICAL FEATURES

Lamp holder:	Bi-pin G5
Ballast:	Electronic
Rated voltage:	230 V AC
Rated frequency:	50/60 Hz
Connection:	Direct to connectors fitted to electronic board L, N, Pe section 0.5 mm ² terminal board with jumpers for input/output
Emergency unit:	Electronic inverter 110V, 220V/240V, 50/60Hz. Batteries Ni/Cd 2.5 Ah The LED is used to monitor battery function: the green LED indicates that the lamp is charged and red indicates a faulty battery
Wiring:	Silicone rubber cables with glass braid protection against high temperatures

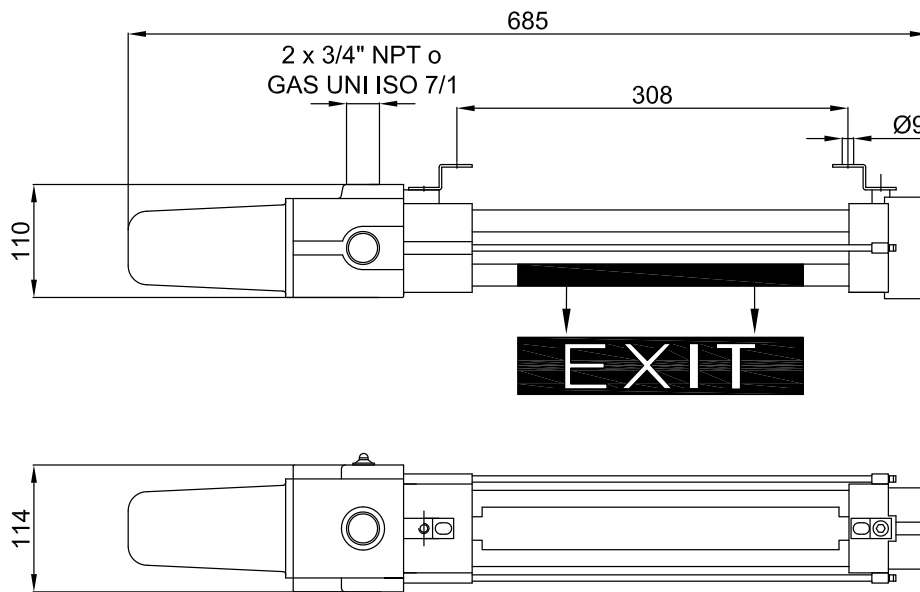
ACCESSORIES AVAILABLE / SPECIAL REQUESTS

2 pin Ø16 fluorescent tubes model T5
 Installation mounting brackets
 Cable gland: FGAB2NBK for armoured cable or FB2NBK for non-armoured cable
 Warning signs to be requested during ordering
 Rated voltage: 120 V (code EVF-18ENX/**120**)
 GAS UNI ISO 7/1 thread

EVF-18...X series selection chart

Code	Lamp n°	Operating type	Power supply	Watt	Discharge time of batteries	Weight Kg	 mm
EVF-18X	1	normal	230V 50/60Hz	8	-	3,15	1175x120x155
EVF-18EX	1	emergency only	230V 50/60Hz	8	150'	3,40	1175x120x155
EVF-18ENX	1	normal + emergency	230V 50/60Hz	8	150'	3,50	1175x120x155

DIMENSIONAL DRAWINGS



Dimensions in mm

DON'T FORGET TO ORDER THE ACCESSORIES

Example: Type of lighting fixture
EVF-18EX +

Fluorescent tubes
LAMPL8W21 +

Installation bracket
G-258 +

Cable gland
FB2NBK +

+other...see key

