

Signal and Alarm: Traffic Light, ETF Series

Flameproof

Zone 1 & 2 - 21 & 22



Application

The ETF is used for automatic light or traffic signal in hazardous areas (zone 1, 2 and zone 21, 22) due to the presence of flammable gases or vapors, dusts and flying fibers such as oil refineries or petrochemical plant.

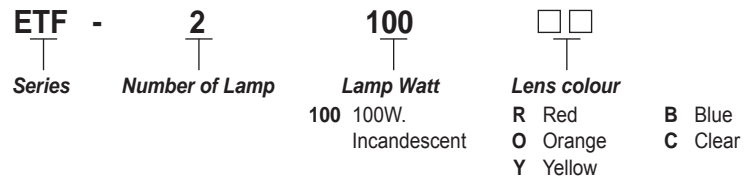
Specification

- Housing material : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 9017 (black)
- Glass : Heat and impact resistant
- Filter : Polycarbonate
- Bolt : Stainless steel
- Pole stand (Option) : Steel pipe with polyester powder coated, RAL 9017 (black)
- Seal gasket : Silicone

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	II 2G	II 2D
Symbol of Protection	Ex d IIB T6/ T5 Gb	Ex tb IIIC T80°C/ T100°C Db IP66
Conformity to Standards	EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-31:2014	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP66	
Mounting	Wall or Pole mounting	
Rated Voltage	220V.ac 50Hz.	

Catalogue Number Logic



Ordering Requirements

Cat. No.	Lamp Watts	Temp. Class (for zone 1 & 2)		Max. Surface Temp.* (for zone 21 & 22)		Volume (dm ³)	Approx. Weight (kgs.)
		Ta 40 °C	Ta 55 °C	Ta 40 °C	Ta 55 °C		
ETF-2100 □□	2x 100W.	T6	T5	T80°C	T100°C	19.3	30.05

Remark * : The maximum surface temperatures are specified for dust free condition. The dust layer which may cover around the lighting fixture will cause to higher surface temperature.

Dimension

