

FLUORESCENT LIGHTING

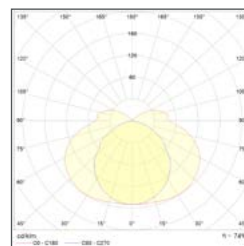
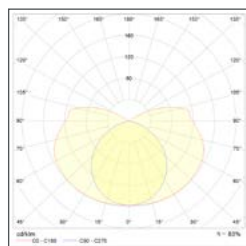
EVF2-PF/FF.. Series - Zone 2, 22 - Copper-free aluminum or GRP



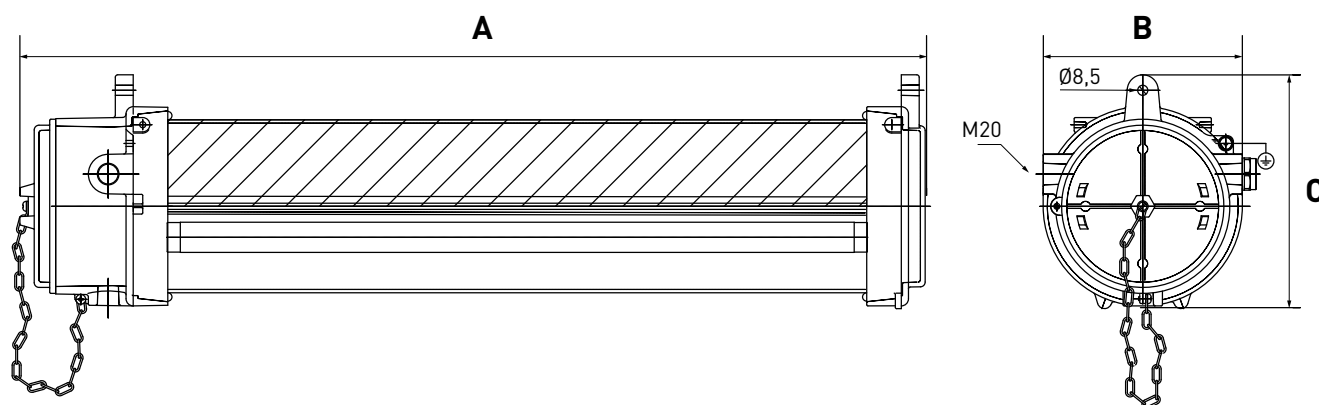
- Complete range of explosion-proof linear lighting fixtures available with single or double lamp and ideal for applications where a continuous row of lighting is needed to ensure a uniform illumination of production sites and machinery.
- End-cups made in copper-free aluminium or GRP.
- Three layers-extrusion lamp housing: Polycarbonate layer; Top side reflecting layer which protects inner electrical and electronic apparatus from direct sun heating/radiation effect; Filter layer which protects inner polycarbonate layer against UV radiation and related yellowing effect.
- Circular shape grants the best possible "CX" factor, therefore it is less affected by wind- dusts, pollution and dirty bunching.
- All lighting fixtures are supplied ready for LOOP IN-LOOP OUT facility with cable up to 4sqmm.

TECHNICAL FEATURES

Material	EVF2-FF = End-cups in GRP/Light housing in polycarbonate EVF2-PF = End-cups in copper-free aluminium/Light housing in polycarbonate
IP, IK rating	IP66/IK10 according to EN 62262:2002
Ambient temperature range	-20°C to + 55°C
Approval	FIDI 20 ATEX 0026X IECEX FIDI 20.0004X
Markings	II 3 G Ex ec IIC T4...T3 Gc (normal service) II 3 G Ex db ec IIC T4...T3 Gc (emerg. service)* II 3 G Ex db ec mb IIC T4...T3 Gc (emerg. service)** II 3 D Ex tc IIIC T85°C Dc *Microswitch upon request **Microswitch and pilot light upon request
Hardware and screws	AISI304 Stainless steel external hardware and screws
Surface treatment	EVF2-FF = Unpainted EVF2-PF = End-cups painted by polyurethane painting cycle - Blue RAL5014 (other colours on request)
Entries	EVF2-FF = N. 2 entries M20/M25 EVF2-PF = N. 2 entries M20 One plugged-off by Ex d brass nickel chrome plated plug and relevant gasket
Lamp & Power	1 or 2 pins fluorescent lamps x 18W, 26W, 58W
Power factor	> 0,95 cosΦ
Ballast	High frequency electronic ballast
Rated operational voltage	220-240 Vac (normal service) 230-240 Vac (emerg. service) Upon request: 110-277 Vac
Frequency	50-60 Hz
Accessories on request	AISI316L Pole mounting kit; AISI316L Ceiling/Wall mounting kit; AISI316L Suspension mounting kit; 3° bottom entry; Brass NiCr/AISI316L single seal cable gland for unarmoured cable c/w set of sealing rings, gasket, locknut; Brass NiCr/AISI316L double seal cable gland for armoured cable c/w set of sealing rings, gasket, locknut.
Photometric light curves	1 lamp 2 lamps



Dimensions EVF2-PF - Copper-free aluminium



EVF2-PF.. - Fluorescent lighting fixture for normal service - Copper-free aluminium

TYPE	CODE	POWER [W]	DIMENSIONS [mm]			WEIGHT [Kg]
			A	B	C	
EVF2-PF 118	A021341830001	1X18	764	176	194	6.50
EVF2-PF 218	A021341830002	2X18	764	176	194	6.50
EVF2-PF 136	A021343630001	1X36	1374	176	194	8.50
EVF2-PF 236	A021343630002	2X36	1374	176	194	8.50
EVF2-PF 158	A021345830001	1X58	1680	176	194	9.50
EVF2-PF 258	A021345830002	2X58	1680	176	194	9.50

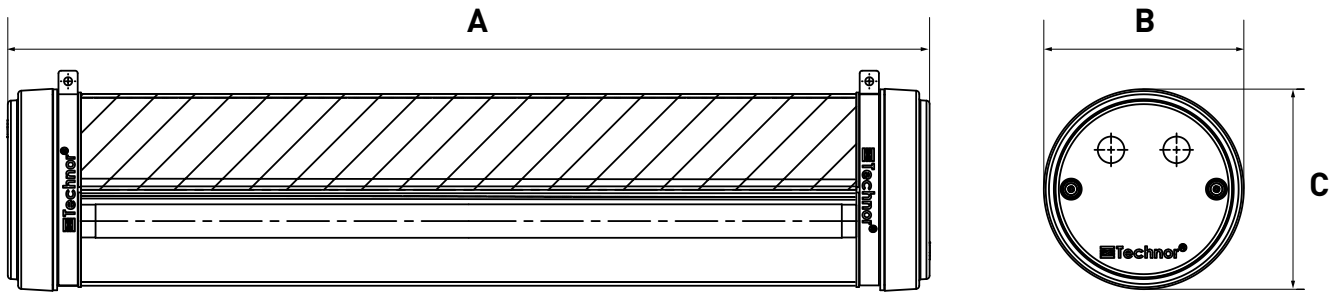
EVF2-PF.. - Fluorescent lighting fixture for emergency service - Copper-free aluminium

TYPE PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF2-PF 118 LE-P 90	A021341830003	1X18	90'	764	176	194	10.00
EVF2-PF 118 LE-P 120	A021341830005	1X18	120'	764	176	194	10.00
EVF2-PF 218 LE-P 90	A021341830004	2X18	90'	764	176	194	10.00
EVF2-PF 218 LE-P 120	A021341830006	2X18	120'	764	176	194	10.00
EVF2-PF 136 LE-P 90	A021343630003	1X36	90'	1374	176	194	11.00
EVF2-PF 136 LE-P 120	A021343630005	1X36	120'	1374	176	194	11.00
EVF2-PF 136 LE-P 180	A021343630007	1X36	180'	1374	176	194	11.00
EVF2-PF 236 LE-P 90	A021343630004	2X36	90'	1374	176	194	11.00
EVF2-PF 236 LE-P 120	A021343630006	2X36	120'	1374	176	194	11.00
EVF2-PF 236 LE-P 180	A021343630008	2X36	180'	1374	176	194	11.00
EVF2-PF 158 LE-P 90	A021345830003	1X58	90'	1680	176	194	12.00
EVF2-PF 158 LE-P 120	A021345830005	1X58	120'	1680	176	194	12.00
EVF2-PF 158 LE-P 180	A021345830007	1X58	180'	1680	176	194	12.00
EVF2-PF 258 LE-P 90	A021345830004	2X58	90'	1680	176	194	12.00
EVF2-PF 258 LE-P 120	A021345830006	2X58	120'	1680	176	194	12.00
EVF2-PF 258 LE-P 180	A021345830008	2X58	180'	1680	176	194	12.00

EVF2-PF.. - Fluorescent lighting fixture for emergency service - Copper-free aluminium

TYPE PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF2-PF 118 LE-NP 90	A021341830007	1X18	90'	764	176	194	10.00
EVF2-PF 118 LE-NP 120	A021341830008	1X18	120'	764	176	194	10.00
EVF2-PF 136 LE-NP 90	A021343630009	1X36	90'	1374	176	194	11.00
EVF2-PF 136 LE-NP 120	A021343630010	1X36	120'	1374	176	194	11.00
EVF2-PF 136 LE-NP 180	A021343630011	1X36	180'	1374	176	194	11.00
EVF2-PF 158 LE-NP 90	A021345830009	1X58	90'	1680	176	194	12.00
EVF2-PF 158 LE-NP 120	A021345830010	1X58	120'	1680	176	194	12.00
EVF2-PF 158 LE-NP 180	A021345830011	1X58	180'	1680	176	194	12.00

Dimensions EVF2-FF - GRP



EVF2-FF.. - Fluorescent lighting fixture for normal service -GRP

TYPE	CODE	POWER [W]	DIMENSIONS [mm]			WEIGHT [Kg]
			A	B	C	
EVF2-FF 118	A021441830003	1X18	745	153	166	4.50
EVF2-FF 218	A021441830004	2X18	745	153	166	4.50
EVF2-FF 136	A021443630003	1X36	1342	153	166	6.50
EVF2-FF 236	A021443630004	2X36	1342	153	166	6.50
EVF2-FF 158	A021445830003	1X58	1642	153	166	8.50
EVF2-FF 258	A021445830004	2X58	1642	153	166	8.50

EVF2-FF.. - Fluorescent lighting fixture for emergency service - GRP

TYPE PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF2-FF 118 LE-P 90	A021641830001	1X18	90'	745	153	166	7.00
EVF2-FF 118 LE-P 120	A021641830003	1X18	120'	745	153	166	7.00
EVF2-FF 218 LE-P 90	A021641830002	2X18	90'	745	153	166	7.00
EVF2-FF 218 LE-P 120	A021641830004	2X18	120'	745	153	166	7.00
EVF2-FF 136 LE-P 90	A021643630001	1X36	90'	1342	153	166	9.00
EVF2-FF 136 LE-P 120	A021643630003	1X36	120'	1342	153	166	9.00
EVF2-FF 136 LE-P 180	A021643630005	1X36	180'	1342	153	166	9.00
EVF2-FF 236 LE-P 90	A021643630002	2X36	90'	1342	153	166	9.00
EVF2-FF 236 LE-P 120	A021643630004	2X36	120'	1342	153	166	9.00
EVF2-FF 236 LE-P 180	A021643630006	2X36	180'	1342	153	166	9.00
EVF2-FF 158 LE-P 90	A021645830001	1X58	90'	1642	153	166	10.00
EVF2-FF 158 LE-P 120	A021645830003	1X58	120'	1642	153	166	10.00
EVF2-FF 158 LE-P 180	A021645830005	1X58	180'	1642	153	166	10.00
EVF2-FF 258 LE-P 90	A021645830002	2X58	90'	1642	153	166	10.00
EVF2-FF 258 LE-P 120	A021645830004	2X58	120'	1642	153	166	10.00
EVF2-FF 258 LE-P 180	A021645830005	2X58	180'	1642	153	166	10.00

EVF2-FF.. - Fluorescent lighting fixture for emergency service - GRP

TYPE - NON PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF2-FF 118 LE-NP 90	A021641830005	1X18	90'	745	153	166	7.00
EVF2-FF 118 LE-NP 120	A021641830006	1X18	120'	745	153	166	7.00
EVF2-FF 136 LE-NP 90	A021643630007	1X36	90'	1342	153	166	9.00
EVF2-FF 136 LE-NP 120	A021643630008	1X36	120'	1342	153	166	9.00
EVF2-FF 136 LE-NP 180	A021643630009	1X36	180'	1342	153	166	9.00
EVF2-FF 158 LE-NP 90	A021645830006	1X58	90'	1642	153	166	10.00
EVF2-FF 158 LE-NP 120	A021645830007	1X58	120'	1642	153	166	10.00
EVF2-FF 158 LE-NP 180	A021645830008	1X58	180'	1642	153	166	10.00

Note: EVF2-FF Series (normal service, emergency service - permanent & non-permanent) is available also for weatherproof application. Contact our sales dept. for more information.

