

LED LINEAR LIGHTING FIXTURES

EVF-L*/P* TL* .. Series - Copper-free aluminium - GRP



- Complete range of explosion-proof linear lighting fixtures available ideal for applications where a continuous row of lighting is needed to ensure a uniform illumination of production sites and machinery.
- Threelayers-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.
- Possibility to apply an OFF-SHORE painting cycle suitable for marine environments.
- All lighting fixtures are supplied ready for LOOP IN-LOOP OUT facility with cable up to 4 sqmm.
- Integrated electronic - Equipped with thermal guard protection to prevent overtemperature

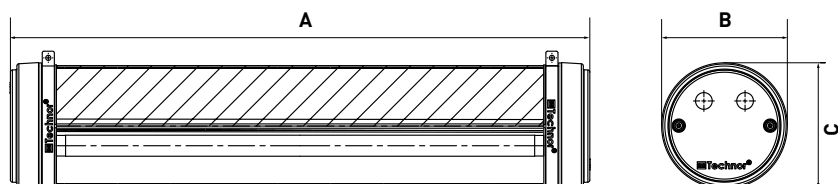
MARKING

II 2G Ex db eb mb IIC T3/T4 Gb
II 2D Ex tb IIIC T85°C Db

TECHNICAL FEATURES

| | |
|-------------------------------------|--|
| Material | EVF-L*TL*LED = End cups in GRP/Light housing in polycarbonate EVF-P*TL*LED = End cups in aluminium with low content of copper / Light housing in polycarbonate |
| IP/IK rating | IP66 IK10 |
| Ambient temperature range | EVF-L*TL*LED = -20 °C to + 60 °C (normal & emergency service) EVF-P*TL*LED = -20 °C to + 55 °C (normal & emergency service) |
| Approvals | INERIS 20ATEX0036X IECEX INE 20.0038X |
| Zones | Gas Zone: 1 , 2 Dust Zone: 21, 22 |
| Rated voltage | 220-240 VAC (normal & emergency service) |
| Frequency | 50 - 60 Hz |
| Colour rendering index | > 80 CRI |
| Colour temperature | 6.500 K |
| Power factor | CosØ ≥ 0.98 |
| Surge protection | 4 kV AC |
| LED Lifetime (L70) Ta +25°C | > 66.000 h - according to IES LM - 80 -08 |
| Hardware and screws | AISI316L stainless steel |
| Coating | EVF-L*TL*LED = Unpainted for EVF in GRP version. EVF-P*TL*LED = Painted by polyuretane painting: RAL5014 painting cycle C4 suitable for On-Shore The reference standard is UNI EN ISO 12944 - 1: 2018 Upon request other colours and painting cycles (only for EVF-P*TL* LED) |
| Entries | 2x entries M20 x 1,5. Upon request: M25 entries or PNCX connector for EVF-L*TL*LED (GRP version) |
| Through wiring | Loop-in / Loop-out possibility |
| Plug | 1 x plastic dustproof plug for M20 entry protection 1 x M20 polyamide/Brass nickel chrome plug c/w gasket (mounted) |
| Accessories upon request | AISI316L mounting kit: pole mounting, ceiling mounting, suspension mounting; Cable gland kit in brass nichel chrome or AISI316L stainless steel. |

Dimensions EVF-L* TL* LED



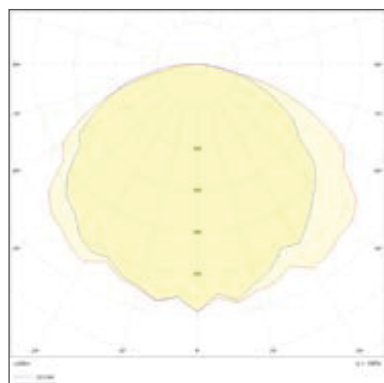
EVF-L* TL* LED - Lighting fixtures for normal and emergency service

| CODE | TYPE | POWER [W] | LUMEN [lm] | LUM. EFF [lm/W] | DIMENSION [mm] | | | WEIGHT [kg] |
|---------------|---------------------------|-----------|------------|-----------------|----------------|-----|-----|-------------|
| | | | | | A | B | C | |
| A020962210001 | EVF-L 1TL2 1X19W | 1X19 | 3.225 | 170 | 745 | 153 | 166 | 5,00 |
| A020962210002 | EVF-L 2TL2 2X19W | 2X19 | 6.450 | 170 | 745 | 153 | 166 | 5,00 |
| A020962210003 | EVF-L 3TL2 3X19W | 3X19 | 9.800 | 172 | 1.342 | 153 | 166 | 8,00 |
| A020962210004 | EVF-L 4TL2 4X19W | 4X19 | 13.065 | 172 | 1.342 | 153 | 166 | 8,00 |
| A021062210001 | EVF-L 1TL2 LE-P 60 1X19W | 1X19 | 3.225 | 170 | 745 | 153 | 166 | 6,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A021062210005 | EVF-L 1TL2 LE-P 180 1X19W | 1X19 | 3.225 | 170 | 745 | 153 | 166 | 6,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |
| A021062210002 | EVF-L 2TL2 LE-P 60 2X19W | 2X19 | 6.450 | 170 | 745 | 153 | 166 | 6,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A021062210006 | EVF-L 2TL2 LE-P 180 2X19W | 2X19 | 6.450 | 170 | 745 | 153 | 166 | 6,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |
| A021062210003 | EVF-L 3TL2 LE-P 60 3X19W | 3X19 | 9.800 | 172 | 1.342 | 153 | 166 | 9,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A021062210007 | EVF-L 3TL2 LE-P 180 3X19W | 3X19 | 9.800 | 172 | 1.342 | 153 | 166 | 9,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |
| A021062210004 | EVF-L 4TL2 LE-P 60 4X19W | 4X19 | 13.065 | 172 | 1.342 | 153 | 166 | 9,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A021062210008 | EVF-L 4TL2 LE-P 180 4X19W | 4X19 | 13.065 | 172 | 1.342 | 153 | 166 | 9,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |

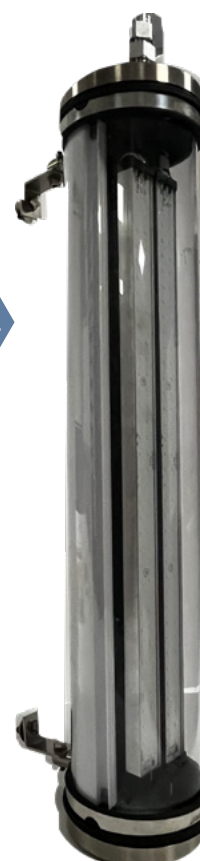
Lighting accessories

| CODE | TYPE |
|---------------|--------------------------------------|
| A601102010009 | 1"1/2 POLE MOUNTING KIT P14 AISI316L |
| A601102010008 | 2" POLE MOUNTING KIT P14 AISI316L |
| A601102010005 | CEILING MOUNTING KIT G3 AISI316L |
| A601102010012 | SUSPENSION MOUNTING KIT G4 AISI316 |

Photometric light curves

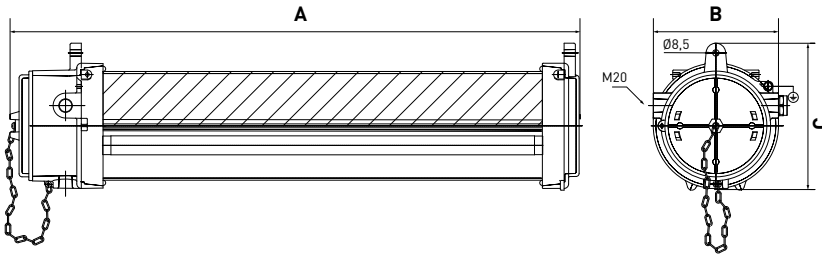


EVF-P
STAINLESS STEEL
COMING SOON



FLUORESCENT LIGHTING AVAILABLE UPON REQUEST

Dimensions EVF-P* TL* LED



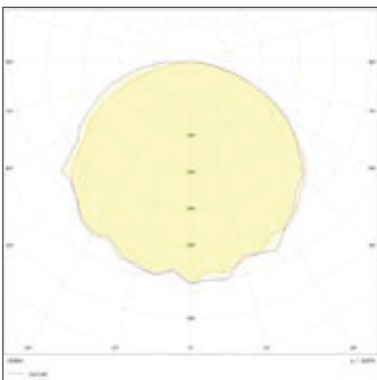
EVF-P* TL* LED - Lighting fixture for normal and emergency service

| CODE | TYPE | POWER [W] | LUMEN [lm] | LUM. EFF [lm/W] | DIMENSION [mm] | | | WEIGHT [kg] |
|---------------|---------------------------|-----------|------------|-----------------|----------------|-----|-----|-------------|
| | | | | | A | B | C | |
| A020562210003 | EVF-P 1TL2 1X19W | 1X19 | 3.225 | 170 | 760 | 167 | 194 | 6,00 |
| A020562210004 | EVF-P 2TL2 2X19W | 2X19 | 6.450 | 170 | 760 | 167 | 194 | 6,00 |
| A020562210005 | EVF-P 3TL2 3X19W | 3X19 | 9.800 | 172 | 1.370 | 167 | 194 | 9,00 |
| A020562210006 | EVF-P 4TL2 4X19W | 4X19 | 13.065 | 172 | 1.370 | 167 | 194 | 9,00 |
| A020662210001 | EVF-P 1TL2 LE-P 60 1X19W | 1X19 | 3.225 | 170 | 760 | 167 | 194 | 7,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A020662210005 | EVF-P 1TL2 LE-P 180 1X19W | 1X19 | 3.225 | 170 | 760 | 167 | 194 | 7,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |
| A020662210002 | EVF-P 2TL2 LE-P 60 2X19W | 2X19 | 6.450 | 170 | 760 | 167 | 194 | 7,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A020662210006 | EVF-P 2TL2 LE-P 180 2X19W | 2X19 | 6.450 | 170 | 760 | 167 | 194 | 7,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |
| A020662210003 | EVF-P 3TL2 LE-P 60 3X19W | 3X19 | 9.800 | 172 | 1.370 | 167 | 194 | 10,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A020662210007 | EVF-P 3TL2 LE-P 180 3X19W | 3X19 | 9.800 | 172 | 1.370 | 167 | 194 | 10,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |
| A020662210004 | EVF-P 4TL2 LE-P 60 4X19W | 4X19 | 13.065 | 172 | 1.370 | 167 | 194 | 10,00 |
| | EMERGENCY SERVICE: 60' | | 500 | | | | | |
| A020662210008 | EVF-P 4TL2 LE-P 180 4X19W | 4X19 | 13.065 | 172 | 1.370 | 167 | 194 | 10,00 |
| | EMERGENCY SERVICE: 180' | | 500 | | | | | |

Lighting accessories

| CODE | TYPE |
|---------------|--------------------------------------|
| A601102010009 | 1"1/2 POLE MOUNTING KIT P14 AISI316L |
| A601102010008 | 2" POLE MOUNTING KIT P14 AISI316L |
| A601102010005 | CEILING MOUNTING KIT G3 AISI316L |
| A601102010012 | SUSPENSION MOUNTING KIT G4 AISI316 |

Photometric light curves



FLUORESCENT LIGHTING AVAILABLE UPON REQUEST



LED LINEAR LIGHTING FIXTURES

EVF2-PL/FL.. Series - Copper-free aluminum - GRP



- Complete range of explosion-proof linear lighting fixtures available with single strip led 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 upto 4sqmm.
- Integral electronic - Equipped with thermal guard protection to prevent overtemperature

MARKING

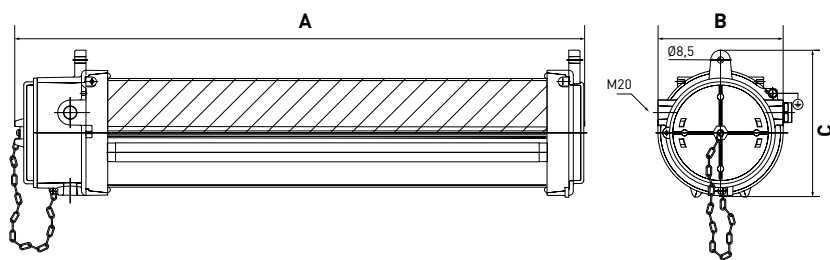
II 3G Ex ec IIC T4 Gc (normal service)

II 3D Ex tc IIIC T85°C Dc

TECHNICAL FEATURES

| | |
|-------------------------------------|---|
| Material | EVF2-FL = End-cups in GRP/Light housing in polycarbonate EVF2-PL = End-cups in copper-free aluminium/Light housing in polycarbonate |
| IP/IK rating | IP66 IK10 |
| Ambient temperature range | -20°C to + 55°C |
| Approvals | FIDI 20 ATEX 0026X IECEX FIDI 20.0004X |
| Zones | Gas Zone: 2 Dust Zone: 22 |
| Rated voltage | 220-240 VAC (normal service) |
| Frequency | 50-60 Hz |
| Colour rendering index | 80 CRI |
| Colour temperature | 4.000K others upon request |
| Power factor | cos φ ≥ 0,98 |
| Surge protection | 6 kV |
| LED Lifetime (L70) Ta +25°C | > 60.000 h - according to IES LM-80-08 |
| Hardware and screws | AISI316L stainless steel external hardware and screws |
| Coating | EVF2-FL = Unpainted for EVF in GRP version EVF2-PL = Painted by polyuretane painting: RAL5014 painting cycle C4 suitable for On-Shore The reference standard is UNI EN ISO 12944 - 1: 2018 Upon request other colours and painting cycles (only for EVF-P*TL* LED) |
| Entries | 2x entries M20 x 1,5. Upon request: M25 entries or PNCX connector for EVF-L*TL*LED (GRP version) |
| Through wiring | Loop-in / Loop-out possibility |
| Plug | 1 x plastic dustproof plug for M20 entry protection 1 x M20 polyamide/Brass nickel chrome plug c/w gasket (mounted) |
| Accessories upon request | AISI316L mounting kit: pole mounting, ceiling mounting, suspension mounting; Cable gland kit in brass nichel chrome or AISI316L stainless steel. |

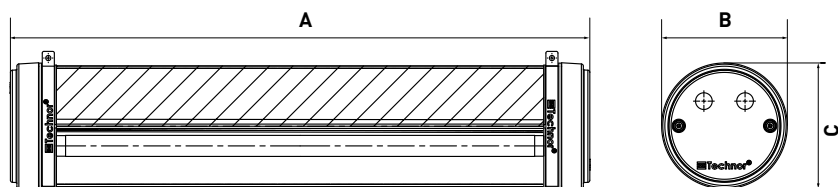
Dimensions EVF2-PL - Copper-free aluminium



EVF2- PL.. - LED lighting fixtures for normal service - Copper-free aluminium

| CODE | TYPE | TOTAL POWER [W] | LUMEN [lm] | LUM. EFF [lm/W] | DIMENSIONS [mm] | | | WEIGHT [Kg] |
|---------------|---------------|-----------------|------------|-----------------|-----------------|-----|-----|-------------|
| | | | | | A | B | C | |
| A021362630001 | EVF2-PL - 129 | 29 | 3.825 | 132 | 760 | 167 | 194 | 6,50 |
| A021365230001 | EVF2-PL - 155 | 55 | 7.650 | 140 | 1370 | 167 | 194 | 8,50 |
| A021369530001 | EVF2-PL - 195 | 95 | 14.300 | 150 | 1675 | 167 | 194 | 9,50 |

Dimensions EVF2-FL - GRP



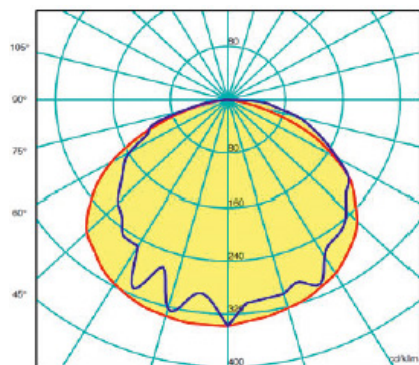
EVF2-FL.. - LED lighting fixtures for normal service - GRP

| CODE | TYPE | TOTAL POWER [W] | LUMEN [lm] | LUM. EFF [lm/W] | DIMENSIONS [mm] | | | WEIGHT [Kg] |
|---------------|---------------|-----------------|------------|-----------------|-----------------|-----|-----|-------------|
| | | | | | A | B | C | |
| A021462630001 | EVF2-FL - 129 | 29 | 3.825 | 132 | 745 | 153 | 166 | 6,50 |
| A021465230001 | EVF2-FL - 155 | 55 | 7.650 | 140 | 1.342 | 153 | 166 | 8,50 |
| A021469530001 | EVF2-FL - 195 | 95 | 14.300 | 150 | 1.642 | 153 | 166 | 9,50 |

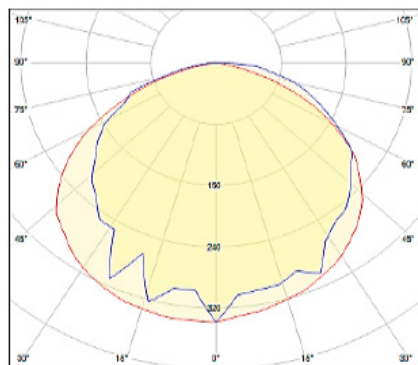
Lighting accessories

| CODE | TYPE |
|---------------|--------------------------------------|
| A601102010009 | 1"1/2 POLE MOUNTING KIT P14 AISI316L |
| A601102010008 | 2" POLE MOUNTING KIT P14 AISI316L |
| A601102010005 | CEILING MOUNTING KIT G3 AISI316L |
| A601102010012 | SUSPENSION MOUNTING KIT G4 AISI316 |

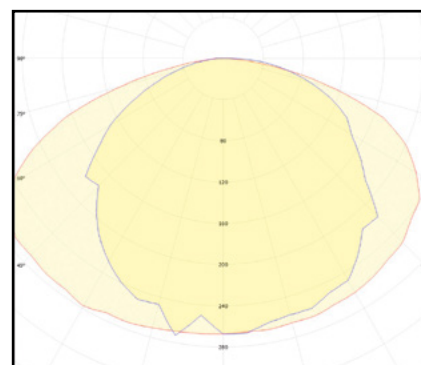
Photometric light curves



EVF2-PL/FL 129



EVF2-PL/FL 155



EVF2-PL/FL 195

FLUORESCENT LIGHTING AVAILABLE UPON REQUEST