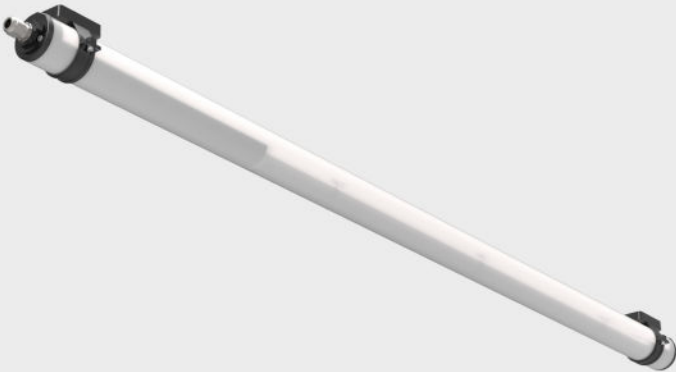


A-70-EX1/21

IP66/IP68

ZONE 1/21



Description

A rugged tubular light fixture designed for use in potentially explosive atmospheres in ATEX Zones 1/21. The housing is made of highly durable polycarbonate tubing. The luminaire's end caps are made of a special glass-fiber-reinforced plastic and, together with a silicone gasket, ensure high resistance to water spray and dust (IP66), as well as resistance to submersion (IP68) up to 15 m and high impact resistance (IK10). Equipped with certified electronic components—the encapsulated LED module and driver ensure high efficiency and a service life of up to 85,000 hours for the LED modules, even at high temperatures. Suitable for ambient temperatures ranging from -20 °C to +55 °C (depending on the luminaire variant). The luminaire is mounted on a ceiling or wall using plastic or stainless steel brackets.

Specifications

Operating voltage:

110-254 V / 50/60 Hz AC, 220-250 V DC

Source:

LED, 4000K, CRI +80

Housing:

Tube with outer diameter 70 mm and wall thickness 4 mm made of clear PC – IK10 (polycarbonate)

Fastening:

Fixing to the ceiling or wall of the illuminated space or hanging using mounting brackets (not included)

Connection:

Screwless three-pole terminal block, max. conductor cross-section 4 mm²

Standard equipment:

1 Ex-rated plastic M20 cable gland for cable diameters of 7–13 mm and 1 Ex-rated plastic M20 cable plug

A-70-EX1/21 (FTZÚ 17 ATEX 0052X)

- II 2G Ex eb mb IIC T4 Gb
- II 2G Ex eb db mb IIC T4 Gb – with isolator
- II 2D Ex tb IIIC T85°C Db

On request

ND– ON/OFF light

D2– DALI2 light fixture

ND-1F– ON/OFF light fixture, 3×2.5 mm²

D2-1F– DALI2 light fixture, 5×2.5 mm²

Variants

	Luminous flux (lm)	Specific power luminaires	Power input (W)	Ta (°C)	Dimensions A x B x C (mm)
A-70-EX1/21-J-L11-840-4000	3061	109 lm/W	28	-20°Cstas55°C	1146 x 70 x 70
A-70-EX1/21-J-L17-840-8000	5985	117 lm/W	51	-20°Cstas50°C	1709 x 70 x 70
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Luminous flux and luminaire power tolerance ±10%

You can view the variant detail via the item number.