

EX2/21

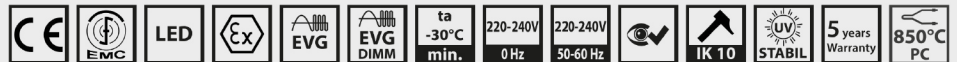
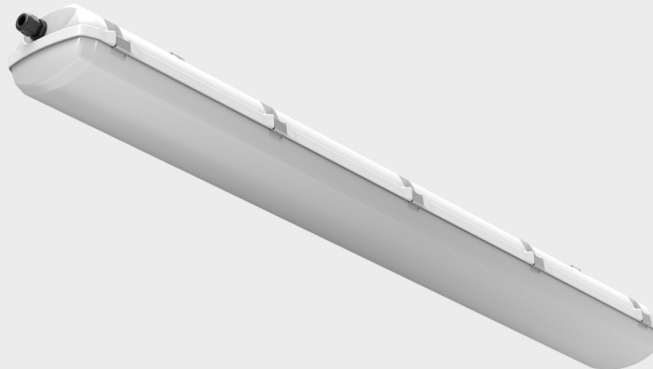
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IP66/IP67

ZONE 2/21



Description

Robust linear luminaire designed for hazardous areas according to IECEx/ATEX (zone 2/21, 22). Body made of robust polycarbonate (RAL 7035) with a silicone seal that does not degrade and is highly resistant to chemicals and oils or weathering. Cover made of highly resistant opal polycarbonate guaranteeing excellent brightness homogeneity and glare reduction. Equipped with electronic components that guarantee a high specific output of up to 170 lm/W and an LED lifetime of up to 110,000 h even at high temperatures. It features high splash and dust resistance IP66/IP67 as well as high impact resistance IK10. Suitable for ambient temperatures from -30 °C to +60 °C depending on type. Supplied as standard with stainless steel clips and stainless steel AISI304 retaining lips. Designed for clamping and hanging mounting.

ADVANTAGES:

- European product
- ATEX/IECEx certification – zone 2/21, 22
- Can also be used for outdoor uncovered areas
- UV resistance
- LOOP-IN / LOOP-OUT – ready for looping
- High specific output up to 170 lm/W
- Wide temperature resistance from -30 °C to +60 °C

Specifications

Operating voltage:

220-240 V / 50/60 Hz AC, 220-240 V DC

Source:

LED, 4000K, CRI +80, MacAdam3

Housing:

Plastic material PC (polycarbonate)

Cover:

PC (polycarbonate) opal

Fastening:

Direct fixing to the ceiling or wall of the illuminated space by means of two self-locking fixing pens (standard equipment), hanging by means of wire hangers or cable hangers.

Connection:

Screwless three-pole terminal block, max. wire cross-section 2.5 mm².

Standard equipment:

2x Ex plastic cable gland M20x1,5 for cable Ø 7-13 mm, 2x Ex plastic cable plug M20 and 2x stainless steel fixing pen (AISI304) for direct fixing of the luminaire to the mounting surface.


Calculated lifetime – LED modules:

L80B50 Ta max – 110 000 h

L90B50 Ta 25 – 110 000 h

EX2/21 – ATEX – (FTZU 25 ATEX 0056X)

 II 3G Ex nR IIC T6 Gc

 II 2D Ex tb IIIC T85°C Db

EX2/21 – IECEx – (IECEX FTZU 25.0020X)

Ex nR IIC T6 Gc

Ex tb IIIC T85°C Db

On order

6500K – chromaticity temperature

D2 – DALI2 luminaire

M3A – ON/OFF luminaire + emergency 3h, AUTOTEST

M3 – ON/OFF luminaire + emergency 3h

A3D2 – DALI2 luminaire + emergency 3h, AUTOTEST

M3D2 – DALI2 luminaire + emergency 3h

MD3D2 – DALI2 luminaire + emergency 3h, DALI

ND-1F – ON/OFF luminaire 3×2,5 mm²

ND-3F – ON/OFF luminaire 5×2,5 mm²

D2-1F – DALI2 luminaire 5×2,5 mm²

D2-3F – DALI2 luminaire 7×2,5 mm²

M3A-3F – ON/OFF luminaire + emergency 3h, AUTOTEST 5×2,5 mm²

M3-3F – ON/OFF luminaire + emergency 3h 5×2,5 mm²

A3D2-3F – DALI2 luminaire + emergency 3h, AUTOTEST 7×2,5 mm²

M3D2-3F – DALI2 luminaire + emergency 3h 7×2,5 mm²

MD3D2-3F – DALI2 luminaire + emergency 3h, DALI 7×2,5 mm²

Variants

Luminous flux (lm)	Luminous flux in an emergency mode (lm)	Specific power luminaires	Power input (W)	Ta (°C)	Tc (K)	Dimensions A x B x C (mm)
1382	–	163 lm/W	8,5	-30°C≤ta≤50°C	4000	670 x 155 x 105
2249	–	156 lm/W	14,4	-30°C≤ta≤50°C	4000	670 x 155 x 105
4478	–	155 lm/W	28,9	-30°C≤ta≤50°C	4000	670 x 155 x 105
2765	–	164 lm/W	16,9	-30°C≤ta≤60°C	4000	1280 x 155 x 105
3339	–	161 lm/W	20,8	-30°C≤ta≤55°C	4000	1280 x 155 x 105
4159	–	158 lm/W	26,4	-30°C≤ta≤55°C	4000	1280 x 155 x 105
5947	–	162 lm/W	36,8	-30°C≤ta≤55°C	4000	1280 x 155 x 105
8280	–	157 lm/W	52,9	-30°C≤ta≤45°C	4000	1280 x 155 x 105
3267	–	166 lm/W	19,7	-30°C≤ta≤60°C	4000	1580 x 155 x 105
4147	–	163 lm/W	25,4	-30°C≤ta≤55°C	4000	1580 x 155 x 105
6239	–	157 lm/W	39,7	-30°C≤ta≤50°C	4000	1580 x 155 x 105
7666	–	161 lm/W	47,6	-30°C≤ta≤35°C	4000	1580 x 155 x 105
10230	–	160 lm/W	64,1	-30°C≤ta≤45°C	4000	1580 x 155 x 105
13797	–	162 lm/W	85,1	-30°C≤ta≤35°C	4000	1580 x 155 x 105
16446	–	159 lm/W	103,6	-30°C≤ta≤35°C	4000	1580 x 155 x 105

Luminous flux and luminaire power tolerance ±10%