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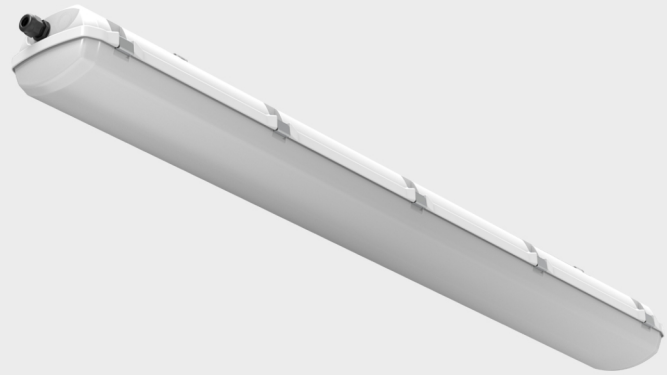
EX1/21

IP66/IP67 ZONE 1/21



Description

Robust linear luminaire designed for hazardous areas for ATEX zone 1/21. Body made of robust polycarbonate (RAL 7035) with silicone gasket. Cover made of highly resistant opal polycarbonate guaranteeing excellent homogeneity of illumination and reduction of glare. Equipped with certified electronic components – encapsulated LED module and driver guarantee high efficiency up to 147 lm/W and LED lifetime up to 110,000 h even at high temperatures. It features high chemical, splash and dust resistance IP66/IP67, as well as high impact resistance IK10. Suitable for ambient temperatures from -30 °C to +55 °C depending on type. Supplied as standard with stainless steel clips and mounting lugs. Designed for snap-on and hinge mounting.

ADVANTAGES:
– European product
– Can also be used for outdoor uncovered areas
– Wide temperature resistance from -30 °C to +55 °C
– UV resistance
– LOOP-IN / LOOP-OUT – ready for looping
– High specific output up to 142 lm/W
– Emergency version 3h – NiCd battery

Specifications

Operating voltage:
220-240 V / 50/60 Hz AC, 220-240 V DC

Source:
LED, 5000K, 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 mm^2.

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 – 82 000 h
L90B50 Ta 25 – 110 000 h

EX1/21 – ATEX – (FTZÚ 25 ATEX 0055X)
II 2G Ex eb mb IIC T4 Gb
II 2D Ex tb IIIC T85°C Db

EX1/21 – IECEx – (IECEx FTZU 25.0019X)
Ex eb mb IIC T4 Gb
Ex tb IIIC T85°C Db

On order

4000K – 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)
1989	–	140 lm/W	14,2	-30°C≤ta≤55°C	5000	670 x 155 x 110
2419	–	136 lm/W	17,8	-30°C≤ta≤55°C	5000	670 x 155 x 110
3315	–	126 lm/W	26,3	-30°C≤ta≤50°C	5000	670 x 155 x 110
3978	–	142 lm/W	28,1	-30°C≤ta≤55°C	5000	1280 x 155 x 110
4838	–	136 lm/W	35,5	-30°C≤ta≤55°C	5000	1280 x 155 x 110
6630	–	126 lm/W	52,6	-30°C≤ta≤50°C	5000	1280 x 155 x 110
9765	–	125 lm/W	78,1	-30°C≤ta≤40°C	5000	1280 x 155 x 110
4971	–	140 lm/W	35,5	-30°C≤ta≤50°C	5000	1580 x 155 x 110
6047	–	136 lm/W	44,4	-30°C≤ta≤50°C	5000	1580 x 155 x 110
8286	–	126 lm/W	65,7	-30°C≤ta≤45°C	5000	1580 x 155 x 110
12206	–	125 lm/W	97,7	-30°C≤ta≤30°C	5000	1580 x 155 x 110

Luminous flux and luminaire power tolerance ±10%