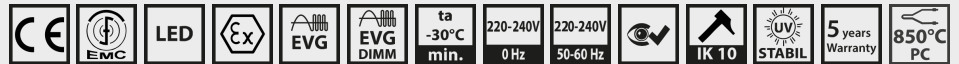
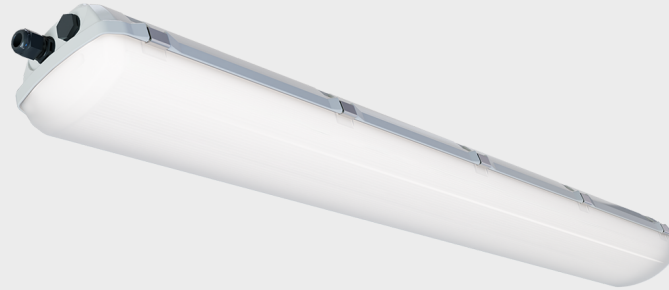


**EXTRA-EX1/21**
**IP66/IP67**
**ZONE 1/21**


## Description

A rugged linear luminaire designed for use in potentially explosive atmospheres in ATEX Zone 1/21. The housing is made of rugged polycarbonate (RAL 7035) with a silicone gasket. The diffuser is made of highly durable opal polycarbonate, ensuring excellent light uniformity and reduced glare. Equipped with certified electronic components—the encapsulated LED module and driver ensure high efficiency and an LED lifespan of up to 110,000 hours, even at high temperatures. It features high chemical resistance and IP66/IP67 protection against water splashes and dust, as well as high impact resistance (IK10). Supplied standard with stainless steel clips and mounting brackets. Designed for surface-mounted and suspended installation.

### ADVANTAGES:

- European product – made in the Czech Republic
- Can also be used for outdoor uncovered areas
- UV resistance
- LOOP-IN / LOOP-OUT – ready for looping
- High specific output up to 158 lm/W
- For ambient temperatures from -30 °C to +55 °C (depending on luminaire variant)
- Emergency version 3h – NiCd battery

## Specifications

**Operating voltage:**

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

**Source:**

LED, 4000/5000K, 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 brackets (standard equipment), hanging by means of wire hangers or cable hangers.

**Connection:**

Screwless three-pole terminal block, max. conductor cross-section 4 mm<sup>2</sup>.

**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 bracket (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

**EXTRA-EX1/21 – ATEX – (FTZÚ 25 ATEX 0055X)**

 II 2G Ex eb mb IIC T4 Gb

 II 2D Ex tb IIIC T85°C Db

**EXTRA-EX1/21 – IECEX – (IECEX FTZU 25.0019X)**

Ex eb mb IIC T4 Gb

Ex tb IIIC T85°C Db

## On request

**6500K** – chromaticity temperature  
**09** – 3xM25 hole

**ND** – ON/OFF luminaire

**D2** – DALI2 luminaire

**NM1A** – ON/OFF luminaire + emergency 1h, AUTOTEST

**NM3A** – ON/OFF luminaire + emergency 3h, AUTOTEST

**NA1D2** – DALI2 luminaire + emergency 1h, AUTOTEST

**NA3D2** – DALI2 luminaire + emergency 3h, AUTOTEST

**ND1D2** – DALI2 luminaire + emergency 1h, DALI

**ND3D2** – DALI2 luminaire + emergency 3h, DALI

**ND-1F** – ON/OFF luminaire 3x2,5 mm2

**ND-3F** – ON/OFF luminaire 5x2,5 mm2

**D2-1F** – DALI2 luminaire 5x2,5 mm2

**D2-3F** – DALI2 luminaire 7x2,5 mm2

**NM3A-3F** – ON/OFF luminaire + emergency 3h, AUTOTEST 5x2,5 mm2

**NA3D2-3F** – DALI2 luminaire + emergency 3h, AUTOTEST 7x2,5 mm2

**ND3D2-3F** – DALI2 luminaire + emergency 3h, DALI 7x2,5 mm2

## Variants

Number items	Name of variant	Luminous flux (lm)	Specific power luminaires	Power input (W)	Ta (°C)	Dimensions A x B x C (mm)
67176	EXTRA-EX1/21-J-L06-850-2200-0ND-08-PD	1989	140 lm/W	14,2	-30°C≤ta≤55°C	670 x 155 x 110
67177	EXTRA-EX1/21-J-L06-850-2750-0ND-08-PD	2419	136 lm/W	17,8	-30°C≤ta≤55°C	670 x 155 x 110
67178	EXTRA-EX1/21-J-L06-850-4000-0ND-08-PD	3315	129 lm/W	25,6	-30°C≤ta≤50°C	670 x 155 x 110
67179	EXTRA-EX1/21-J-L12-850-4500-0ND-08-PD	3978	150 lm/W	26,5	-30°C≤ta≤55°C	1280 x 155 x 110
67180	EXTRA-EX1/21-J-L12-850-5500-0ND-08-PD	4838	144 lm/W	33,5	-30°C≤ta≤55°C	1280 x 155 x 110
67181	EXTRA-EX1/21-J-L12-850-8000-0ND-08-PD	6630	132 lm/W	50,4	-30°C≤ta≤50°C	1280 x 155 x 110
67182	EXTRA-EX1/21-J-L12-850-11600-0ND-08-PD	9765	129 lm/W	75,9	-30°C≤ta≤40°C	1280 x 155 x 110
67183	EXTRA-EX1/21-J-L15-850-5400-0ND-08-PD	4971	153 lm/W	32,5	-30°C≤ta≤50°C	1580 x 155 x 110
67184	EXTRA-EX1/21-J-L15-850-6800-0ND-08-PD	6047	146 lm/W	41,3	-30°C≤ta≤50°C	1580 x 155 x 110
67185	EXTRA-EX1/21-J-L15-850-9800-0ND-08-PD	8286	133 lm/W	62,5	-30°C≤ta≤45°C	1580 x 155 x 110
67186	EXTRA-EX1/21-J-L15-850-14100-0ND-08-PD	12206	129 lm/W	94,4	-30°C≤ta≤30°C	1580 x 155 x 110

Luminous flux and luminaire power tolerance ±10%

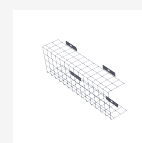
You can view the variant detail via the item number.

## Accessories

### Protective cage EXTRA, EUROPA – L06

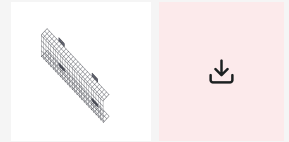
Item number: **20041**

Product type: **001748-RAL9016**

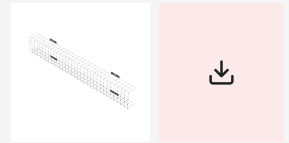


**Protective cage EXTRA, EUROPA – L12**

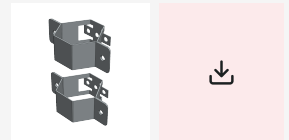
Item number: **20042**  
Product type: **001749-RAL9016**

**Protective cage EXTRA, EUROPA – L15**

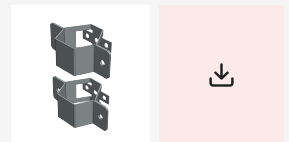
Item number: **20043**  
Product type: **001750-RAL9016**

**Set of pole brackets Ø 60 mm (2"), M5, AISI304 (2 pcs)**

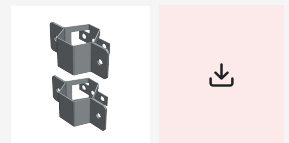
Item number: **60089**  
Product type: **051093**

**Set of pole brackets Ø 50 mm (1 1/2"), M5, AISI304 (2 pcs)**

Item number: **60090**  
Product type: **051094**

**Set of pole brackets Ø 42 mm (1 1/4"), M5, AISI304 (2 pcs)**

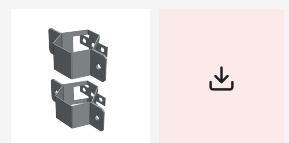
Item number: **60091**  
Product type: **051095**

**Set of pole brackets Ø 60 mm (2"),M5, AISI316 (2 pcs)**

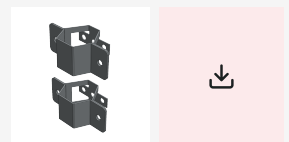
Item number: **66929**  
Product type: **051125**

**Set of pole brackets Ø 50 mm (1 1/2"), M5, AISI316 (2 pcs)**

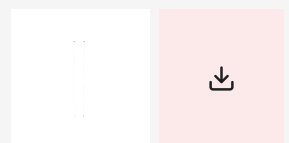
Item number: **66930**  
Product type: **051126**

**Set of pole brackets Ø 42 mm (1 1/4"), M5, AISI316 (2 pcs)**

Item number: **66931**  
Product type: **051127**

**Cable suspender – 3 m (2 pcs)**

Item number: **3575**  
Product type: **051131**



**Wall Mount Bracket Set – 45° Angle EXTRA, AISI 316 (2 pcs)**

Item number: **67005**  
Product type: **051167**

**Set of Chain suspension device EXTRA (2 pcs)**

Item number: **69110**  
Product type: **051192**

**Set of wall brackets – 45° angle EXTRA, AISI304 – (2 pcs)**

Item number: **34607**  
Product type: **064643**

**Set of adjustable fixing brackets EXTRA (2 pcs)**

Item number: **43432**  
Product type: **065465**

**Spare parts****Set of stainless steel fastening brackets EXTRA AISI304 (2 pcs)**

Item number: **67492**  
Product type: **051260**

**Set of stainless steel fastening brackets EXTRA AISI316 (2 pcs)**

Item number: **67493**  
Product type: **051261**

**Set of stainless steel clips EXTRA-L06 AISI304 (6 pcs)**

Item number: **67494**  
Product type: **051262**

**Set of stainless steel clips EXTRA – L06 AISI316 (6 pcs)**

Item number: **67495**  
Product type: **051263**



**Set of stainless steel clips EXTRA – L12 AISI304 (10 pcs)**

Item number: **67498**  
Product type: **051264**

**Set of stainless steel clips EXTRA – L12 AISI316 (10 pcs)**

Item number: **67496**  
Product type: **051265**

**Set of stainless steel clips EXTRA – L15 AISI304 (12 pcs)**

Item number: **67499**  
Product type: **051266**

**Set of stainless steel clips EXTRA – L15 AISI316 (12 pcs)**

Item number: **67497**  
Product type: **051267**

**Cover EXTRA-EX1 L06**

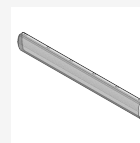
Item number: **69113**  
Product type: **051276**

**Cover EXTRA-EX1 L12**

Item number: **69116**  
Product type: **051279**

**Cover EXTRA-EX1 L15**

Item number: **69119**  
Product type: **051282**



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