



(1)

EU - Type Examination Certificate

(2)

Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)

(3) EU - Type Examination Certificate number:

FTZÚ 24 ATEX 0071X

(4) Product: **Luminaire type EXDURA series**

(5) Manufacturer: **Zumtobel Lighting GmbH**

(6) Address: **Schweizer Straße 30, 6850 Dornbirn, Austria**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report number:

24/0071 dated 20.02.2025

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018+A1:2024, EN 60079-15:2010, EN 60079-28:2015,
EN 60079-31:2014**

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) This certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



**II 3G Ex nR IIC T6 Gc or
II 3G Ex nR IIC T5 Gc**



II 2D Ex tb op is IIIC T85°C Db

- see clause (17)

This certificate is valid till: **28.02.2030**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body



Date of issue: **21.02.2025**

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Annex: 1 (2 pages)

This certificate is granted subject to the general conditions of the FTZÚ, s.p.
This certificate may only be reproduced in its entirety and without any change, schedule included.

Physical-Technical Testing Institute, s.p., Pikartská 1337/7, 716 07 Ostrava - Radvanice, Czech Republic
tel.: +420 595 223 111, +420 604 203 525, e-mail: ftzu@ftzu.cz, www.ftzu.cz



**Physical-Technical Testing Institute
Ostrava - Radvanice**

(13)

Schedule

(14) EU - Type Examination Certificate No. FTZÚ 24 ATEX 0071X

(15) Description of Product:

The luminaire consists of two separate parts (light and driver part). The light part consists of an aluminium cooler, a silicone seal, an aluminium frame, a glass window and an LED module. The body of the radiator and the cover plate are connected by screws. The driver part is composed of an aluminium profile with side covers sealed with silicone gaskets fixed with screws and internal electrical equipment located on the mounting plate. Input of power supply cable is via Ex- threaded cable gland M20x1,5 or M25x1,5. Both parts are connected by cable via Ex - threaded cable glands M12x1.5. Unused inputs are blinded with Ex- threaded plugs. The driver part is the same for all variants of the luminaire, the number of separate modules of the lighting part can be changed in the range from one to a maximum of four modules, which are identical. The used optical system located on the LED module can be in the range of 30° to 90° or without an optical system. It is possible to use an adjustable boom or hanging eyes to attach the luminaire.

Basic electrical parameters:

Nominal Voltage Un: 220 - 240 V, 0/50/60 Hz

Degree of protection: IP66

Type code marking of luminaire – see Annex to this certificate.

The luminaire and its variants are verified according to the newest standard EN IEC 60079-15:2019 and EN IEC 60079-31:2024 too.

(16) Report Number: 24/0071

(17) Specific Conditions of Use:

1. Ambient temperature: - see Annex to this certificate.
2. The luminaire is intended for fixed installation and must be labelled "Warning - potential danger of electrostatic charging" - see Operational instructions of the lighting fixture installation.
3. The power supply cable shall be effectively fixed to prevent pulling or twisting.
4. The Operational instructions of the lighting fixture installation established by the manufacturer must be complied.

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(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this certificate and EN IEC 60079-15:2019 and EN IEC 60079-31:2024.

(19) Drawings and Documents:

Number	Rev	Sheets	Date	Description
--	2	3	11.07.2024	Technical conditions of the luminaires installation
42190398	0	1	05.12.2024	Drawing- Nameplate

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ANNEX

to EU - Type Examination Certificate No. FTZÚ 24 ATEX 0071X

Type code marking of luminaire:

EXDURA: * * *****_*** * *****

	Electrical control
	LDO
	EVG
	Light distribution
	NB
	MB
	WB
	AB
	NO
	Correlated colour temperature
	27
	30
	35
	40
	50
	57
	65
	Colour rendering index
	-8
	-9
	Lumen output
	5500
	9000
	10500
	11000
	15500
	17000
	21000
	21000
	22500
	26000
	31000
	41500
	Dimensions
	S (small)
	M (medium)
	L (large)
	XL (extra-large)
	Ambient temperature
	HT (high temperature)
	XT (extreme temperature)
	LT (low temperature)
	Luminaire series

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Legend:

HT	High temperature T60°C
XT	Extreme temperature T70°C
LT	Low temperature T-40°C
S	Small
M	Medium
L	Large
XL	Extra large
NB	Narrow beam
MB	Medium beam
WB	Wide beam
AB	Asymmetric beam
NO	No optics
LDO	DALI dimmable
EVG	Fixed output
FROST	-40°C ≤ Ta ≤ +50°C, Temperature class T6
T40	-20°C ≤ Ta ≤ +40°C, Temperature class T6
T50	-20°C ≤ Ta ≤ +50°C, Temperature class T6
T60	-20°C ≤ Ta ≤ +60°C, Temperature class T5
T70	-20°C ≤ Ta ≤ +70°C, Temperature class T5

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