



## EU - Type Examination Certificate

(1)

(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**

- see clause (17)



**II 2D Ex tb op is IIC T85°C Db**

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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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  
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.**

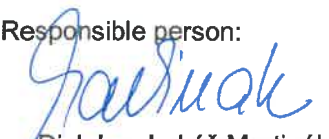
The luminaire and its variants are verified according to the newest standard EN IEC 60079-15:2019 and EN IEC 60079-31:2024 too.

(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.

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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

(13)

**Schedule**

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

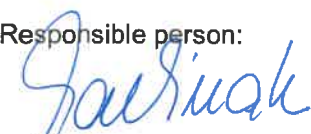
(18) Essential Health and Safety Requirements:

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

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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**Physical-Technical Testing Institute  
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**ANNEX**

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

**Type code marking of luminaire:**

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

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

Responsible person:

*Lukáš Martinák*

Dipl. Ing. Lukáš Martinák  
Head of Certification Body



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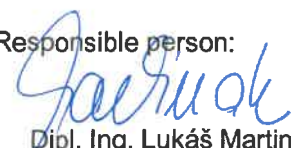
ANNEX

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

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	$-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ , Temperature class T6
T40	$-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ , Temperature class T6
T50	$-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ , Temperature class T6
T60	$-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ , Temperature class T5
T70	$-20^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$ , Temperature class T5

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