



OBAC



AC 099

Ośrodek Badań, Atestacji i Certyfikacji Sp. z o.o.
44-121 Gliwice, ul. Łabędzka 21

(1) EU-TYPE EXAMINATION CERTIFICATE
(Translation)

(2) Equipment, products and protective systems intended for use in Potentially Explosive Atmospheres.
Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014.

(3) EU type examination certificate No: **OBAC 21 ATEX 0059X, Issue 0**

(4) Equipment: **Lighting fixture type EXL220**

(5) Manufacturer: **ATM Lighting sp. z o.o.**

(6) Address: **ul. Budowlanych 31, 80-298 Gdańsk**

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

(8) The Institute for Research and Certification „OBAC” Ltd., notified body No.1461 in accordance with Article 17 and Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment, product or protective system 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 and the list of agreed technical documentation are recorded in the confidential Report no. OBAC/21/ATEX/0059.

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

PN-EN IEC 60079-0:2018-09
(EN IEC 60079-0:2018)

PN-EN 60079-7:2016-02
(EN 60079-7:2015)

PN-EN 60079-31:2014-10
(EN 60079-31:2014)

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

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified equipment, product or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment, product or protective system. These are not covered by this certificate.

(12) The marking of the equipment, product or protective system shall include the following:



II 3G Ex ec IIC T4 Gc



II 2D Ex tb IIIC T70°C Db



**Certification Body
Manager**

Piotr Tarnawski M. Com.

Gliwice, 2nd February 2021.



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(13)

SCHEDULE

(14)

to the EU-Type Examination Certificate
No. OBAC 21 ATEX 0059X, Issue 0

(15) Ex Product description:

Lighting fixtures type EXL220 are dedicated for indoors and outdoors installations. They are single-chamber devices, with enclosure and lens made of plastic. Inside the enclosure there is an electronic ballast and a light source in form of two lighting tubes. The fixture has terminals and cable glands, enabling "pass-through" connection of the power supply.

Marking:

EXL220

Full designation of the specific version:

EXL220 – [1][2] – [3] – [4] – [5][6] – [7] – [8] – [9]

where:

[1] – number of lamps: **2**

[2] – power of lamps []: **18; 36**

[3] – power supply voltage: **25E** (100-230V, 0-50/60Hz)

[4] – connection: **30** (one 3-pin terminal); **33** (two 3-pin terminals)

[5] – number and displacement of the cable glands in the enclosure: **10** (one gland), **11** (two glands, one per side), **20** (two glands, both on one side), **21** (three glands, two on the one side and one on the other side), **22** (four glands, two per side)

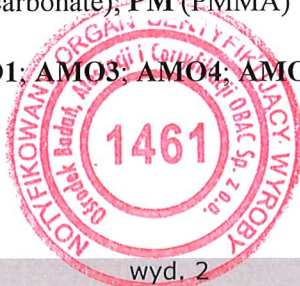
* gland combinations 20, 21, 22 are not available in versions M25 and P25

[6] – glands material and size: **P20** (plastic – M20), **P25** (plastic – M25), **M20** (metal – M20), **M25** (metal – M25)

[7] – enclosure material: **GRP** (glass reinforced plastic)

[8] – lens material: **PC** (polycarbonate); **PM** (PMMA)

[9] – mounting bracket: **AMO1; AMO3; AMO4; AMO5; AMO6**





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Rated data:

Power supply voltage	100-230 V, 0/50-60 Hz
Light source power	2x18W or 2x36W depending on the version
Enclosure protection degree	IP66/67
Ambient temperature	$-25^{\circ}\text{C} \geq T_a \geq +45^{\circ}\text{C}$

(16) Report:

– OBAC/21/ATEX/0059.

(17) Specific conditions of use:

- Caution – static electricity hazard – see instructions.
- Caution – do not open under voltage.
- Ambient temperature range: $-25^{\circ}\text{C} \geq T_{\text{amb}} \geq +45^{\circ}\text{C}$.

(18) Essential health and safety requirements:

Met by compliance with the requirements mentioned in item 9.

