



OBAC



AC 099

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

(1) EU-TYPE EXAMINATION CERTIFICATE

(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 0472X, Issue 0**

(4) Equipment: **Luminaire GLASSEX**

(5) Manufacturer: **Airfal International, S.L.**

(6) Address: **CALLE RIO ESERA N° 5
50830 VILLANUEVA DE GALLEGO (Zaragoza) SPAIN**

(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/0472.

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

EN IEC 60079-0:2018



EN 60079-7:2015+A1:2018

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 T6 Gc**
 **II 2D Ex tb IIIC T85°C Db**



Head of Certification Body

Piotr Tarnawski

Gliwice, 21 January 2022



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(13)

SCHEDULE

(14)

to the EU-Type Examination Certificate
No. OBAC 21 ATEX 0472X, Issue 0

(15) Ex Product description:

The luminaire's housing consists of borosilicate glass tube, closed at both ends by two stainless steel caps. One of cap has a hole in which cable gland is to be mounted. Led modules, electronic driver and optionally, emergency kit with batteries are mounted inside.

Rated data:

Nominal voltage Un: 220-240V, 50-60Hz

Nominal current In: 0.22-0.95A

Ambient temperature range $-25^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$

Degree of protection IP69

Ref. number	Size	Power [W]	Length [mm]	Diameter [mm]
GL113	600	13	664	105
GL114	600	13	664	105
GL123	600	16	664	105
GL124	600	16	664	105
GL213	1200	24	1328	105
GL214	1200	24	1328	105
GL223	1200	32	1328	105
GL224	1200	32	1328	105
GL313	1500	29	1628	105
GL314	1500	29	1628	105
GL323	1500	40	1628	105
GL324	1500	40	1628	105

Marking:Luminaire **GLASSEX**

full type designation: GLASSEX GL... (see table above)

(16) Report:

– OBAC/21/ATEX/0472.





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(17) Specific conditions of use:

- The luminaire should be fitted with certified cable glands or quick connectors with appropriate size, Ex marking ("ec", "tb"), operating temperature range and required IP. Unused openings must be closed with Ex blanking elements.
- earth tag mounted on the cable gland shall be used for equipotential bonding conductor connection - see manual.
- WARNING – do not open when energized
- WARNING – do not open when an explosive atmosphere is present.
- In case of use of quick connectors: WARNING – do not separate when energized.
- Ambient temperature range: $-25^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$

Notes for manufacture, installation and operation:

- Every luminaire shall be subjected to dielectric strength tests, according to 7.1 of EN 60079-7.

(18) Essential health and safety requirements:

Met by compliance with the requirements mentioned in item 9.

