



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 0208X, Issue 0**

(4) Equipment: **Luminaire WATEX**

(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/0208.

(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

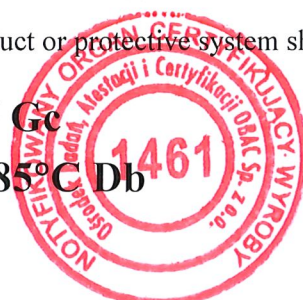
(10) If the sign "X" is placed after the certificate number, it indicates that the equipment, product or protective system is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(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 T5 Gc**

 **II 2D Ex tb IIIC T85°C Db**



**Certification Body
Manager**

Piotr Tarnawski M. Com.

Gliwice, 15 July 2021



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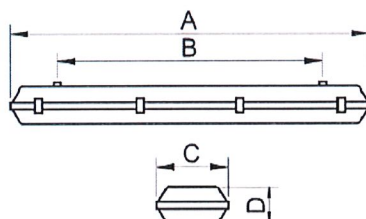
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(13) **SCHEDULE**
(14) **to the EU-Type Examination Certificate**
No. OBAC 21 ATEX 0208X, Issue 0

(15) Ex Product description:

The enclosure is built with a polycarbonate parts, the body and the diffuser. Inside the case all electrical components, such as terminals, LED modules, LED driver and optionally emergency kit with battery are installed. The case has one or two entries in the form of plain holes. In these holes an Ex M21 cable glands or quick connectors and/or plugs are to be installed.

Marking: Luminaire WATEX (followed by reference symbol – see below)



REFERENCE	POWER (W)	LUMINARY EMISSION	A (mm)	B (mm)	C (mm)	D (mm)
EY113	24	2980	664	260	160	110
EY114	24	3200	664	260	160	110
EY123	32	5120	664	260	160	110
EY124	32	5340	664	260	160	110
EY213	48	5960	1274	870	160	110
EY214	48	6400	1274	870	160	110
EY223	64	10240	1274	870	160	110
EY224	64	10680	1274	870	160	110
EY313	58	7440	1575	650	160	110
EY314	58	8000	1575	650	160	110
EY323	80	12620	1575	650	160	110
EY324	80	13400	1575	650	160	110





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WATEX ECO (100 mm)						
REFERENCE	POWER (W)	LUMINARY EMISSION	A (mm)	B (mm)	C (mm)	D (mm)
EW113	13	1210	664	260	100	110
EW114	13	1259	664	260	100	110
EW123	16	2079	664	260	100	110
EW124	16	2168	664	260	100	110
EW213	24	2420	1274	870	100	110
EW214	24	2598	1274	870	100	110
EW223	32	4157	1274	870	100	110
EW224	32	4336	1274	870	100	110
EW313	29	3021	1575	650	100	110
EW314	29	3248	1575	650	100	110
EW323	40	5124	1575	650	100	110
EW324	40	5440	1575	650	100	110

Rated data:

Nominal voltage 220-240V, 50-60Hz
 Nominal power 13-80W
 Ingress protection IP66
 Ambient temperature range $-20^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$

(16) Report:

- OBAC/21/ATEX/208.





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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.
- In case of use of metal cable gland earth tag mounted on the cable gland shall be used for equipotential bonding conductor connection - see manual.
- WARNING – do not open when an explosive atmosphere is present.
- WARNING – after de-energizing, delay 30 minutes before opening.
- WARNING – potential electrostatic charging hazard – see instructions.
- In case of use of quick connectors: WARNING – do not separate when energized.
- Ambient temperature range: $-20^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$

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.

