



OBAC

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

(1) TYPE EXAMINATION CERTIFICATE

(2) Equipment, components 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) Type examination certificate No: **OBAC 19 ATEX 0206X**

(4) Product: **ACQUEX Luminaire**

(5) Manufacturer: **Zalux S.A.**

(6) Address: **Centro Empresarial Miralbueno. Avda. Manuel Rodriguez Ayuso, 114
Planta 1ª, Local P-2, 50012 Zaragoza, Spain**

(7) This equipment, component or protective system and any of its approved version is specified in this certificate and in documents listed in p. 19.

(8) Ośrodek Badań, Atestacji i Certyfikacji OBAC Sp. z o.o. (The Institute for Research and Certification „OBAC” Ltd) certifies that this equipment, component or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment, component or protective systems intended for use in potentially explosive atmospheres given in Annex II to the European Council Directive 2014/34/EU.

The examination and test results are recorded in the confidential report No. OBAC/19/ATEX/0206.

(9) Compliance with the Safety Requirements has been assured by conformity with:

EN 60079-0:2012

EN 60079-15:2010

EN 60079-31:2014

(10) If the sign „X” is placed after the certificate number, it indicates that the product concerned is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This certificate is valid from **24.05.2019** until **23.05.2024** and relates only to the design, assessment and tests of the specified equipment according to the Directive 2014/34/EU. The certificate does not apply to further requirements of the Directive relating to the manufacture and placing on the market of this equipment.

(12) The marking of the equipment, component or protective system must include the following:

 **II 3G Ex nA IIC T6 Gc**
 **II 3D Ex tc IIIC T85°C Dc**



**Certification Body
Manager**


Piotr Tarnawski M. Com.

Gliwice, 24 May 2019.



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(13) **SCHEDULE**
(14) **to the Type Examination Certificate**
No. OBAC 19 ATEX 0206X

(15) Ex Product description:

The ACQUEX Luminaire is designed for illumination of places included into 2 and 22 zones of gas and dust explosion hazard. It may be used in chemical petrol, petrochemical, gas, gas- distribution industries as well as when processing the bulk mining and construction materials. The luminaire is provided with plastic cable entries and electronic ballast element.

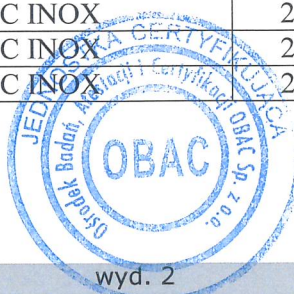
The package body is made of polyester reinforced with GRP glass fibre, while the antidazzle casing is made of PC polycarbonate having lens-like regularities from its inside. The accessories fastening the luminaire are made of stainless steel or of plastic. The luminaires included in this certificate are intended for indoor use or under shelter for outdoor use.

Rated data:

Supply voltage	220-240V AC/DC 50-60(0) Hz, 110V acc. to version 220-240V AC 50-60 Hz - version with battery
Battery:	1h version Ni-Cd 1,8 Ah 4,8V or 3h version Ni-Cd 4,5 Ah 4,8V
Permissible ambient temperature	from -20°C to +40°C
Protection level	IP 66
Light source acc. to version	T5, T8 Fluorescent lamps and LED modules

Marking:

No.	Designation	Power [W]
1.	ACQUEX 2-114 E PC INOX	1 x 14
2.	ACQUEX 2-124 E PC INOX	1 x 24
3.	ACQUEX 2-118 E PC INOX	1 x 18
4.	ACQUEX 2-128 E PC INOX	1 x 28
5.	ACQUEX 2-154 E PC INOX	1 x 54
6.	ACQUEX 2-135 E PC INOX	1 x 35
7.	ACQUEX 2-149 E PC INOX	1 x 49
8.	ACQUEX 2-136 E PC INOX	1 x 36
9.	ACQUEX 2-158 E PC INOX	1 x 58
10.	ACQUEX 2-180 E PC INOX	1 x 80
11.	ACQUEX 214 E PC INOX	2 x 14
12.	ACQUEX 224 E PC INOX	2 x 24
13.	ACQUEX 218 E PC INOX	2 x 18
14.	ACQUEX 228 E PC INOX	2 x 28





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No.	Designation	Power [W]
15.	ACQUEX 254 E PC INOX	2 x 54
16.	ACQUEX 235 E PC INOX	2 x 35
17.	ACQUEX 249 E PC INOX	2 x 49
18.	ACQUEX 236 E PC INOX	2 x 36
19.	ACQUEX 258 E PC INOX	2 x 58
20.	ACQUEX 2-118 E EB1h PC INOX	1x18
21.	ACQUEX 2-118 E EB3h PC INOX	1x18
22.	ACQUEX 2-128 E EB1h PC INOX	1x28
23.	ACQUEX 2-128 E EB3h PC INOX	1x28
24.	ACQUEX 2-135 E EB1h PC INOX	1x35
25.	ACQUEX 2-135 E EB3h PC INOX	1x35
26.	ACQUEX 2-136 E EB1h PC INOX	1x36
27.	ACQUEX 2-136 E EB3h PC INOX	1x36
28.	ACQUEX 2-149 E EB1h PC INOX	1x49
29.	ACQUEX 2-149 E EB3h PC INOX	1x49
30.	ACQUEX 2-154 E EB1h PC INOX	1x54
31.	ACQUEX 2-154 E EB3h PC INOX	1x54
32.	ACQUEX 2-180 E EB1h PC INOX	1x80
33.	ACQUEX 2-180 E EB3h PC INOX	1x80
34.	ACQUEX 214 E EB1h PC INOX	2x14
35.	ACQUEX 214 E EB3h PC INOX	2x14
36.	ACQUEX 224 E EB1h PC INOX	2x24
37.	ACQUEX 224 E EB3h PC INOX	2x24
38.	ACQUEX 228 E EB1h PC INOX	2x28
39.	ACQUEX 228 E EB3h PC INOX	2x28
40.	ACQUEX 235 E EB1h PC INOX	2x35
41.	ACQUEX 235 E EB3h PC INOX	2x35
42.	ACQUEX 249 E EB1h PC INOX	2x49
43.	ACQUEX 249 E EB3h PC INOX	2x49
44.	ACQUEX 254 E EB1h PC INOX	2x54
45.	ACQUEX 254 E EB3h PC INOX	2x54
46.	ACQUEX 218 E EB1h PC INOX	2x18
47.	ACQUEX 218 E EB3h PC INOX	2x18
48.	ACQUEX 236 E EB1h PC INOX	2x36
49.	ACQUEX 236 E EB3h PC INOX	2x36
50.	ACQUEX 258 E EB1h PC INOX	2x58
51.	ACQUEX 258 E EB3h PC INOX	2x58



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No.	Designation	Power [W]
52.	ACQUEX LED-M 600 ET PC INOX	21
53.	ACQUEX LED-M 1200 ET PC INOX	36
54.	ACQUEX LED-M 1500 ET PC INOX	44
55.	ACQUEX LED-M 1200 ET EB3h PC INOX	36
56.	ACQUEX LED-M 1500 ET EB3h PC INOX	44
57.	ACQUEX LED-T5 UG5 2X1.5 ET PC INOX	56

(16) **The ACQUEX Luminaire** meet the requirements for devices with explosion proof design and may be used as a device of group II, category 3D and 3G.

(17) Special conditions for safe operation:

- The ACQUEX is designed for stationary installations.
- The equipment shall be visibly provided with an additional marking warning against the possible electrostatic discharge: WARNING – ELECTROSTATIC DISCHARGE HAZARD – SEE INSTRUCTIONS.

(18) The compliance with Safety Requirements has been assured by compliance with standards shown in p.9 of this certificate.

(19) List of agreed documentation:

- Instructions „Explosionproof luminaire ACQUEX ” Nr 10108459. Zaragoza, June 2013.
- ACQUEX Luminaire, Drg. No. 10107904 Sheet 3.
- Instructions „Explosionproof luminaire ACQUEX and ACQUEX EB”, Zaragoza, October 2014.
- Instructions „Explosionproof luminaire ACQUEX LED and ACQUEX LED+EB”, Zaragoza, October 2014
- Instructions „Explosionproof luminaire ACQUEX LED TUBE”, Zaragoza, June 2016
- ACQUEX LED T5 UG5 2x1.5 ET PC INOX. No. 1002546375 00 of 14.01.2016

