



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 20 ATEX 0366X, Issue 2**

(4) Equipment: **LED MAX Projector**

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

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

(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/25/ATEX/0274.

(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 T4 Gc** (all versions)
 **II 3G Ex ec IIC T5 Gc** (versions up to 98W)
 **II 2D Ex tb IIC T85°C Db**

Head of Certification Body

Piotr Tarnawski M. Com.

Gliwice, 19 December 2025.



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(13)

SCHEDULE

(14)

to the EU-Type Examination Certificate
No. OBAC 20 ATEX 0366X, Issue 2

(15) Ex Product description:

The main body of luminaire is constructed by an aluminium alloy case. Inside the case all electrical components, such as LED light source and driver are installed. Cover with glass window is mounted on the front side. At rear side is a cap with terminal block mounted on its internal side. The case has two cable entries in the form of two M25 holes, not threaded. In these holes are installed an M25 metallic cable glands and/or plug.

Rated data:

Nominal voltage	Un: 220-240V, 50-60Hz 50Hz
Nominal current	In: 0.22-0.95A
Ambient temperature	$-20^{\circ}\text{C} \leq T_a \leq +45^{\circ}\text{C}$
Degree of protection	IP66

REFERENCES, POWERS AND AVAILABLE COLOR TEMPERATURES.

Ref.	Equiv. (HM)	(W)	(Lm)	(°K)	Optic
PA104A	70W	50	8.081	4.000	●
PA104B	70W	50	8.081	4.000	●
PA104C	70W	50	8.081	4.000	●
PA204A	150W	98	16.163	4.000	●
PA204B	150W	98	16.163	4.000	●
PA204C	150W	98	16.163	4.000	●
PA304A	250W	148	24.224	4.000	●
PA304B	250W	148	24.224	4.000	●
PA304C	250W	148	24.224	4.000	●
PA404A	400W	190	32.325	4.000	●
PA404B	400W	190	32.325	4.000	●
PA404C	400W	190	32.325	4.000	●



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PA105A	70W	50	8.164	5.000	●
PA105B	70W	50	8.164	5.000	●
PA105C	70W	50	8.164	5.000	●
PA205A	150W	98	16.368	5.000	●
PA205B	150W	98	16.368	5.000	●
PA205C	150W	98	16.368	5.000	●
PA305A	250W	148	24.552	5.000	●
PA305B	250W	148	24.552	5.000	●
PA305C	250W	148	24.552	5.000	●
PA405A	400W	190	32.726	5.000	●
PA405B	400W	190	32.726	5.000	●
PA405C	400W	190	32.726	5.000	●

Marking:

LED MAX Projector

(16) Report:

– OBAC/25/ATEX/0274.

(17) Specific conditions of use:

- the luminaire should be fitted with certified cable glands with appropriate thread, 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.
- front cover of the luminaire shall not be opened - re-lamping not to be done by user.

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.



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SCHEDULE
to the EU-Type Examination Certificate
No. OBAC 20 ATEX 0366X, Issue 2

(19) Certification history:

OBAC 20 ATEX 0366X of October 30, 2020	Type Examination Certificate, First Issue
OBAC 20 ATEX 0366X, Issue 2 of December 19, 2025	A new issue, as EU-Type Examination Certificate: <ul style="list-style-type: none">– change of protection type from "nR" to "ec"– change the protection level from "tc" to "tb"– new components and new versions of the luminaire

