

1. **EU-TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially explosive atmospheres
Directive 2014/34/EU**

3. EU-Type Examination Certificate Number: **EESF 20 ATEX 086X**

4. Product: **Luminaire for portable and fixed installation**

Certified types: **SLAM Semic LED-1**

5. Manufacturer: **Atexor Oy**

6. Address: **Puurtajantie 16, 60100 Seinäjoki, Finland**

7. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Eurofins Expert Services Oy, Notified Body number 0537, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product 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 are recorded in confidential report No. EUFI29-20000491-T1.

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

EN IEC 60079-0:2018

EN 60079-18:2015/A1:2017

EN 60079-28:2015

10. If the sign "X" is placed after the certificate number, it indicates that the product 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 product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12. The marking of the product shall include the following:



24 – 48 V version:

II 2G Ex mb op is IIC T5 Gb



110 V version:

II 2G Ex mb op is IIC T4 Gb



230 V version:

II 2G Ex mb op is IIC T3 Gb

Espoo, 22.1.2021
Eurofins Expert Services Oy

Kari Koskela
Senior Expert

Ilkka Riihimäki
Senior Expert

This document is digitally signed.

13. **Schedule**

 14. **EU-Type Examination Certificate EESF 20 ATEX 086X**

 15. **Description of Product**

The equipment is a luminaire for portable or fixed installation with one LED light module supplied with electronic control gear. The light module and control gear are moulded within a dissipative polycarbonate tube with metallic end plates. There are two different drivers – one for 24-48 V version and one for 110 V and 230 V versions. The luminaire has a permanently connected supply cable.

Ratings:

$U_N = 24 - 48 \text{ V}$

$I_N = 0,4 \text{ A } I_k = 35 \text{ A}$

$U_N = 110 \text{ V}$

$I_N = 80 \text{ mA } I_k = 35 \text{ A}$

$U_N = 230 \text{ V}$

$I_N = 40 \text{ mA } I_k = 35 \text{ A}$

 16. **Report Number**

EUFI29-20000491-T1

 17. **Specific Conditions of Use**

In order to maintain electrostatic properties of the polycarbonate tube the use of solvents such as acetone or ethyl acetate for cleaning is prohibited.

 18. **Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed at item 9.

 19. **Drawings and Documents**

Drawings and documents are listed in the confidential report.

 20. **Certificate History**

Issue	Date	Report No.	Change
	22.1.2020	EUFI29-20000491-T1	Original certificate.