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 072**

4. Product: **LED luminaire**

   Certified types: SLANX **Hornet LED 12V**

5. Manufacturer: **Atexor Oy**

6. Address: **Puurtajantie 16, FI-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. EUFI29-20004182-T1.

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

   **EN 60079-0:2012/A11:2013** **EN IEC 60079-7:2015/A1:2018** **EN 60079-18:2015/A1:2017**
   **EN 60079-28:2015** **EN 60079-31:2014**

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:

    Ex **II 2G Ex eb mb op is IIC T4 Gb**
    **II 2D Ex tb op is IIIC T90°C Db**

Espoo, 11.12.2020
**Eurofins Expert Services Oy**

Kari Koskela
Senior Expert

Jenni Hirvelä
Senior Expert

This document is digitally signed.



This certificate, including the schedule, may only be reproduced in its entirety and without any change.

13. **Schedule**

14. **EU-Type Examination Certificate EESF 20 ATEX 072**

15. **Description of Product**

Rated values

| | |
|---|---|
| Power | 18 W |
| Voltage | 12 V AC/DC |
| Frequency (AC) | 50/60 Hz |
| Current | 1.5 A |
| $I_k$ | 35 A |

Construction

The equipment is a LED luminaire with a connection cable. The control gear and LEDs are moulded in silicone rubber as a single unit and the unit complies with the requirements of Type of Protection “mb op is”. The control gear and LED unit, as well as the internal connections to the supply cable, are built inside a polycarbonate tube with shock absorbing and dissipative plastic endplates and they comply to the requirements of Type of Protection “eb”. In potentially explosive dust atmospheres, the outer enclosure provides Type of Protection “tb” for the equipment. The equipment is suitable for ambient temperature range -20 ºC … +40 ºC.

16. **Report Number**

EUFI29-20004182-T1

17. **Specific Conditions of Use**

None

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.



This certificate, including the schedule, may only be reproduced in its entirety and without any change.