



1. **EC-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in
Potentially explosive atmospheres
Directive 94/9/EC**
3. Reference: **VTT 16 ATEX 009X**
4. Equipment: **Luminaire for fixed installation**
Certified types: **~~SLAM~~ Hornet Fixed 1 LED WS
~~SLAM~~ Hornet Fixed Linear 2 LED WS**
5. Manufactured by: **Atexor Oy**
6. Address: **Puurtajantie 16
FI-60100 Seinäjoki
Finland**
7. This equipment or protective system and any acceptable variations thereto is specified in the schedule and possible supplement(s) to this Certificate and the documents therein referred to.
8. VTT Expert Services Ltd, notified body number 0537, in accordance with Article 9 of the Council Directive 94/9/EC of March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective system 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. VTT-S-06206-14 and VTT-S-07636-08.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
**EN 60079-0 (2012)
EN 60079-7 (2007)
EN 60079-18 (2009)
EN 60079-28 (2007)
EN 60079-31 (2009)**



10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
11. This EC-Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
12. The marking of the equipment or protective system shall include the following:



II 2 G Ex e mb op is IIC T4 Gb
II 2 D Ex tb op is IIIC T90°C Db
IP 66
-40 °C ≤ T_{amb} ≤ +40 °C

Espoo, 1.3.2016

VTT Expert Services Ltd

Kari Koskela
Expert

Risto Sulonen
Product Manager



13.

Schedule

14.

EC-TYPE EXAMINATION CERTIFICATE VTT 16 ATEX 009X

15.

Description of Equipment

Rated values

Power	25 W (1 LED), 50 W (2 LED)
Voltage	24 VAC/DC, 42 VAC/DC, 110 VAC/DC or 230 VAC
Frequency	0, 50 Hz, 60 Hz

Construction

Luminaire for fixed installation with LED-modules supplied by electronic control gear. Electronic control gear and LED-modules are moulded with silicone rubber. The whole assembly, LED-modules and control gears together with connecting devices for supply cable has been built into the enclosure made of polycarbonate tube with shock absorbing plastic endplates. The luminaire is fitted with permanently connected cable H07RN-F or cable suitable for heavy industrial use.

Degree of protection

IP 66

16.

Report No. VTT-S-06206-14 and VTT-S-07636-08

17.

Special conditions for safe use

Because there is the risk from electrostatic discharge from plastic endplates the warning on the equipment "WARNING- POTENTIAL ELECTROSTATIC CHARGING HAZARD-SEE INSTRUCTIONS" shall be considered in the installation and during the maintenance.

18.

Essential Health and Safety Requirements

Met by the compliance with the standards: EN 60079-0 (2012), EN 60079-7 (2007), EN 60079-18 (2009), EN 60079-28 (2007), EN 60079-31 (2009)

Espoo, 1.3.2016

VTT Expert Services Ltd



Kari Koskela
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