



1. **EC-TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in
Potentially explosive atmospheres
Directive 94/9/EC**

3. Reference: **VTT 14 ATEX 035 Issue 1**

4. Equipment: **Portable luminaire**

Certified types: **SLAM^{EX} Hornet 1x22 W High Temp**
SLAM^{EX} Hornet 2x22 W High Temp

5. Manufactured by: **Atexor Oy**

6. Address: **Puurtajantie 16
FI-60100 Seinäjoki
Finland**

7. This equipment or protective system and any acceptable variations thereto are specified in the schedule and possible supplement(s) to this Certificate and the documents therein referred to.

8. VTT Expert Services, 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-03042-15.

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 60079-31 (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 IIC T4 Gb
II 2 D Ex tb IIC T90 °C Db
IP 66
0 °C ≤ T_{amb} ≤ +55 °C

Espoo, 22.6.2015

VTT Expert Services Ltd



Kari Koskela
Expert



Risto Sulonen
Product Manager



13. **Schedule**

14. **EC-TYPE EXAMINATION CERTIFICATE VTT 14 ATEX 035 Issue 1**

15. Description of Equipment

Rated values

Power	1 x 22 W or 2 x 22 W
Voltage	24 V, 110 V and 230 V AC /DC
Frequency	0 Hz, 50 Hz or 60 Hz

Construction

Portable luminaire with fluorescent lamps supplied by electronic ballast. Electronic ballast and lamp caps are moulded with silicone rubber. The whole assembly, lamps and ballast 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 H07BQ-F or cable with equivalent properties. The luminaire with one 22 W lamp is equipped with built-in socket. The maximum current of socket is limited to 8A by additional marking.

Degree of protection IP 66

Drawings and documents:

High Temp Räjätyskuva CHS222A230HT, rev A (dated 30.4.2014)
High Temp Mittakuva CHS222A230HT, rev A (dated 30.4.2014)
Product Structure CHS222A230HT/CHS222A110HT (dated 29.4.2014)
SLAM Hornet 2x22W A 24 V High Temp Räjätyskuva SH222A24HT,
rev A (dated 16.4.2015)
Product Structure SH222A24HT(dated 17.4.2015)
Slam Hornet 1x22W C 24 V High Temp Exploded view & dimensions
SH122C24HT, rev A (dated 16.4.2015)
Product Structure SH122C24HT(dated 16.4.2015)

16. Report No. VTT-S-03042-15

17. Special conditions for safe use None

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 60079-31 (2009).

Certificate history

Issue	Date	Report No.	Comment
-	12.6.2014	VTT-S-02971-14	Prime certificate
1	22.6.2015	VTT-S-03042-15	Introduction of a type with 24 V supply voltage and a type with one 22 W lamp and built in socket

Espoo, 22.6.2015

VTT Expert Services Ltd



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Expert



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