

## ATEXOR SLAM® STAR TANKSETT

- ✓ 3 bærbare lyskastere
- ✓ 1 bærbar EXIT-lampe med reservebatteri
- ✓ 1 bærbar 24 VAC lavspenningstransformator (4 uttak)
- ✓ 2 monteringsbraketter med sterke magneter
- ✓ 2 monteringsstropper
- ✓

Godkjent for bruk i EX  
sone 1

Vi har satt sammen **Atexor SLAM® STAR** Tank Set for kunder som arbeider i eksplosjonsfarlige rom som tanker og beholdere.

Dette settet er spesielt godt egnet for store malejobber, og gjør midlertidig belysning enkel, trygg og sikker. Hele settet er ATEX-sertifisert, så du kan være trygg på at alt er godkjent for bruk i eksplosjonsfarlige områder.

Med kun dette ene settet har du alt du trenger for å trygt belyse store Ex-områder:

lavspenningsarmaturer, Ex-godkjent

strømforsyning, nødlis med batteribackup – og en

pålitelig samarbeidspartner med fokus på sikkerhet i farlige områder.

De tre bærbare ATEX-lyskasterne lyser effektivt opp store rom. Inkludert en bærbar EXIT-lampe med reservebatteri for trygg evakuering ved strømbrudd.

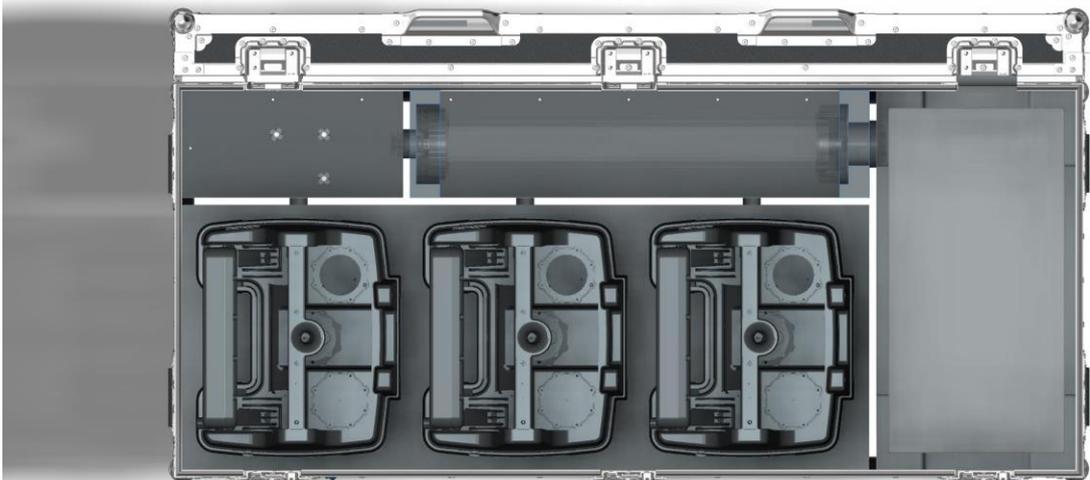
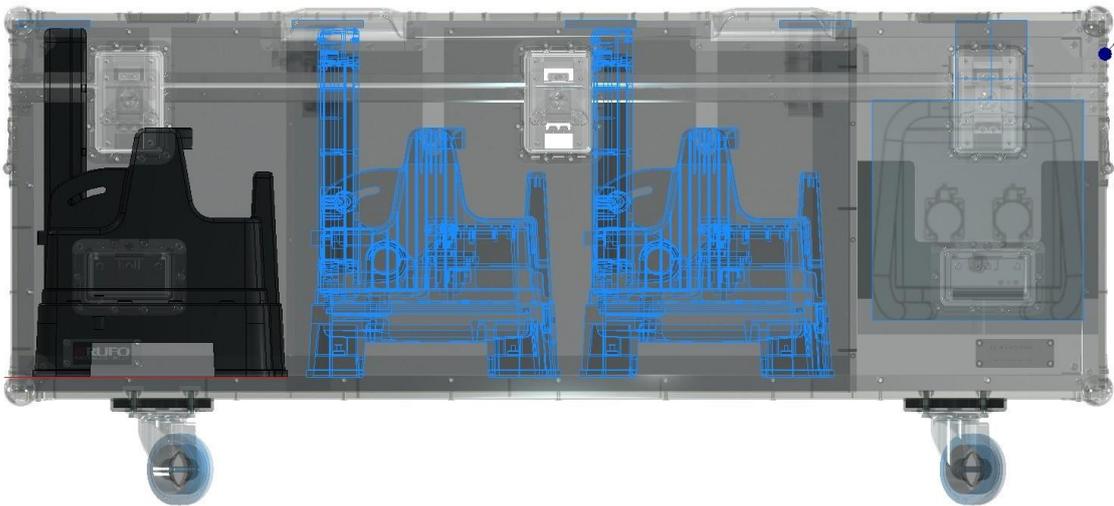
Den bærbare **Atexor SLAM® TrafoEX**-transformatoren leverer 24 V strøm på en sikker måte. Alle armaturene benytter høykvalitets LED-er for lang levetid og lavt energiforbruk. Levers med transportkasse som opsjon.



Varenummer: 8002006



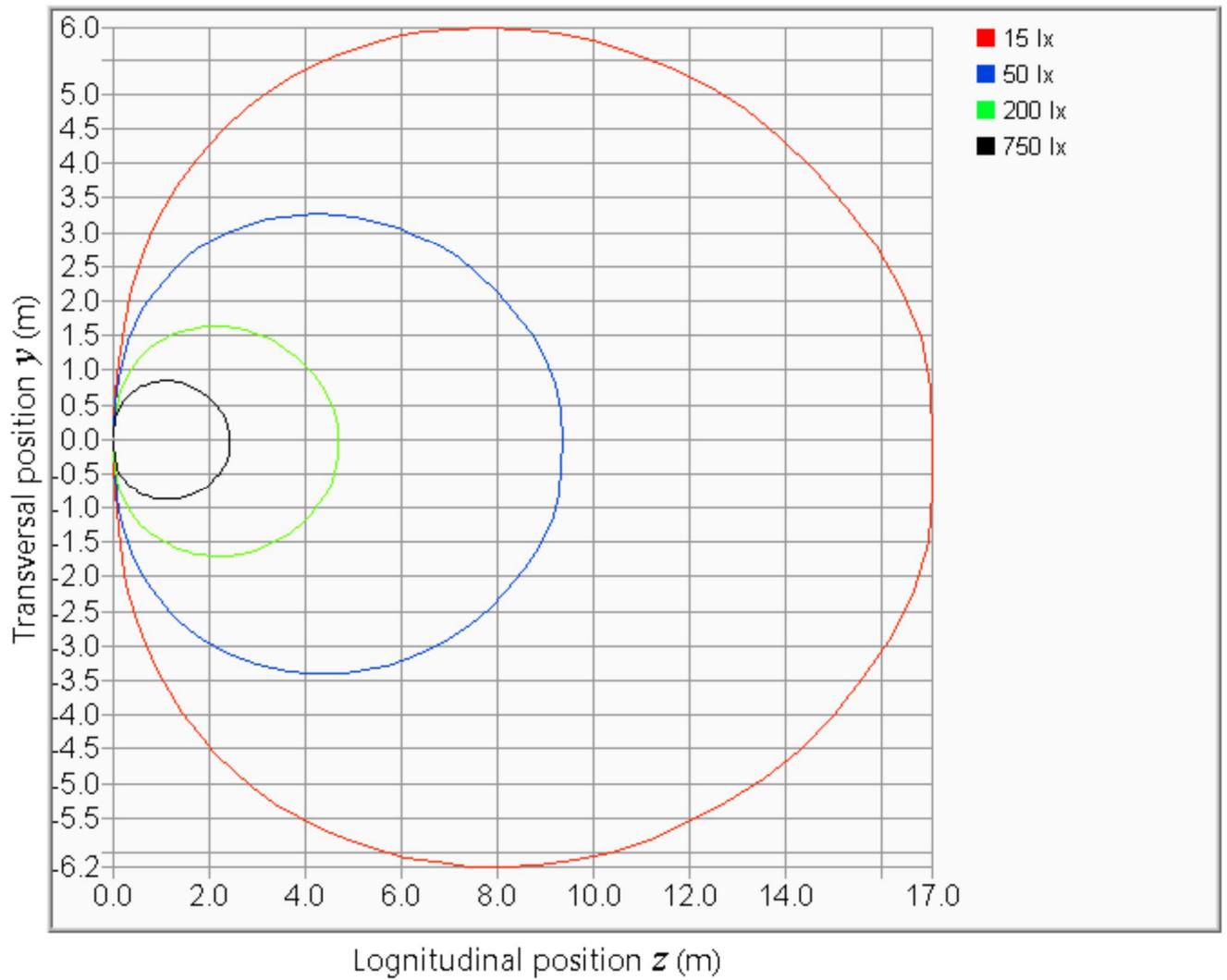
UV. MÅL:  
WIDTH: 1548.0  
DEPTH: 685.5  
HEIGHT: 560.5  
HEIGHT m. HJUL/Pall



Manufacturing date	02/2016 -
Product description	Portable Ex- luminary / Portable Ex-Floodlight
ATEX & IECEx marking	Ex II 2 G Ex eb mb op is IIC T4 Gb
Temperature classification	T4 (< 135 °C)
Operating temperature	-20°C ... +40°C
Light source	3 LED modules
Light emitted at source	Approx. 7400 lm
Luminous flux (measured)	5412 lm
Colour temperature	5000 K +/- 10 %
Colour rendering index (CRI)	>80
Photobiological safety	Risk Group 1 - low risk. Safe when distance > 2m
Supply Voltage	100 - 250 VAC/DC, 0/50/60Hz or 20 - 50 VAC/DC, 0/50/60Hz
Supply Current (typical)	230 V-0,4 A ;110 V-0,8 A 24 VAC ~4 A ; 48 VAC~2 A
Electrical class	Class I (100 – 230V) Class III (24 – 48 V)
Input power (P)	< 90 W
Cable	H07BQ-F
Plug	2P + Earth or 2P
Enclosure	Dissipative materials (PC & PA6)
Ingress protection	IP66
Weight (without cable, socket and plug)	10,5 kg
Accessories	Magnetic fixing, protective films
Warranty	You will find detailed warranty conditions from <a href="http://www.atexor.com/downloads/warranty">www.atexor.com/downloads/warranty</a>

	Dimensions / mm	Variables
Product model	LxWxH	
SLAM® Star	412 x 356 x 492	A-variable = Cable in C-variable = Cable in, socket(s) out

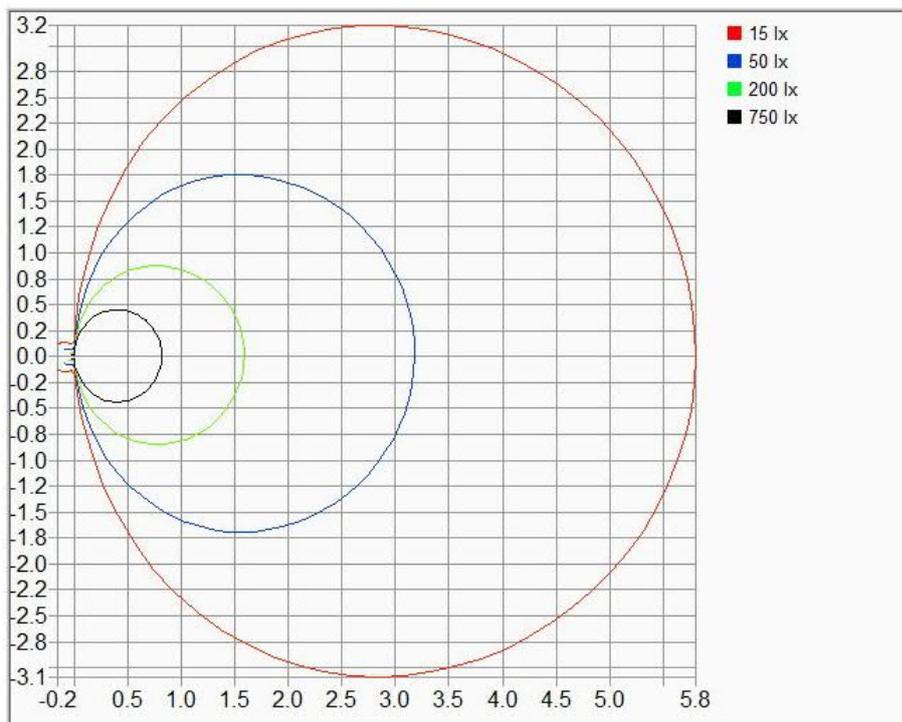
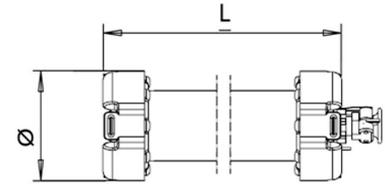




<b>Manufacturing date</b>	<b>7/2022</b>	
<b>Product description</b>	Explosion protected portable luminary with battery back-up (EM)	
<b>ATEX, UKCA &amp; IECEx marking</b>	Ex II 2 G Ex eb ib mb op is IIC T4 Gb Ex II 2 D Ex tb op is IIIC T90°C Db (subject to type of socket)	
<b>Temperature classification</b>	T4 (internal) T90 °C (external)	
<b>Operating temperature</b>	-40°C ... +50°C	
<b>Light source</b>	1 LED module with SafeEye® technology	
<b>Light emitted at source</b>	up to 2825 lm with battery back-up operation up to 20 % of normal, app. 530 lm	
<b>Luminous flux</b>	up to 1595 lm with battery back-up operation up to 20 % of normal, app. 300 lm	
<b>Colour temperature</b>	5000 K +/- 10 %	
<b>Colour rendering index</b>	>80	
<b>Photobiological safety</b>	Exempt group (No marking required, safe in normal use)	
<b>Supply Voltage (min-max)</b>	100-250VAC/DC, 0/50/60Hz or 20-50VAC/DC, 0/50/60Hz	
<b>Supply Current (typical)</b>	230V~0,2 A 110V~0,4 A	42 V~0,8 A 24 V~1,3 A
<b>Electrical class</b>	Class 1 (100-250V), Class 3 (20-50V)	
<b>Input power (P)</b>	< 30 W	
<b>Power factor</b>	0,83 - 0,98 (subject to supply voltage and components used)	
<b>Cable</b>	Standard cable H07BQ-F	
<b>Plug and socket</b>	2P + Earth (110-230V) 2P+E, 3P, 2P (24-42V)	
<b>Enclosure</b>	Dissipative materials (PC & TPE)	
<b>Ingress protection</b>	IP66 (A-VERSION) IP54-IP66 (C-version, IP rating is subject to type of socket)	
<b>Weight (without cable, socket and plug)</b>	3,1kg	
<b>EM</b>	Li-Ion battery for back-up function (EM) Back-up operation time up to 3h Battery charging time from empty to full ~11h Battery life-time 3-4 years or 600 charging cycles Main light will shortly blink every 15s when lamp is in the EM mode.	
<b>Operation functions</b>	<p>Push Button LED will flash when battery is charging, be constantly lit when battery full and turn off when power supply is not present.</p>	
<b>Other features</b>	ON/OFF Switch (ib- explosion protection)	
<b>Accessories</b>	SLAM Click'n Fix magnetic fixing system Protective film with EXIT print	

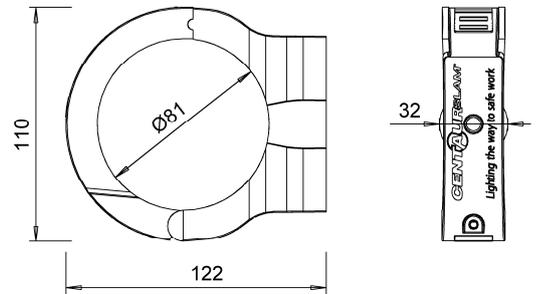
**Warranty** You will find detailed warranty conditions from [www.atexor.com/downloads/warranty](http://www.atexor.com/downloads/warranty)

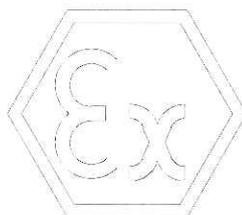
Product model	Dimensions / mm	
	L	Ø
SLAM® Hornet Neos EM 1LED EXIT	725	125



Manufacturing date	2010 -
ATEX marking	II 1 G T6 II 1 D T60°C VTT 10 ATEX 001
Product description	Antistatic fixing bracket
Temperature classification	T6
Operating temperature	-20°C ... +55°C
Material	Dissipative plastic (bracket) Dissipative polyurethane (coated magnet)
Surface resistance (typical)	10 <sup>6</sup> – 10 <sup>9</sup> Ω
Variations	Magnetic, 70101 S-hook, 70105 Scaffold, 70104 Unistrut, 70107

	Dimensions / mm		
	L	Ø	W
Click'n Fix 80	122	81	110





1. **EC-TYPE EXAMINATION CERTIFICATE**

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

3. Reference: **VTT 10 ATEX 001 Issue 2**

4. Equipment: **Dissipative bracket**

Certified types: **SIAM<sup>®</sup> Click'n fix 80**

5. Manufactured by: **Atexor Oy**

6. Address: **Puurtajantie 16  
FI-60510 Hyllykallio  
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 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-00163-10.

---

Certificate without signatures shall not be valid

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

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

**EN 13463-1 (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. This certificate does not cover these.
12. The marking of the equipment or protective system shall include the following:



**II 1 G**

T6

**II 1 D**

T60°C

$-20\text{ °C} \leq T_{\text{amb}} \leq +55\text{ °C}$

Espoo, 10.10.2014  
**VTT Expert Services Ltd**



Kari Koskela  
Expert



Risto Sulonen  
Product Manager

13. **Schedule**

14. **EC-TYPE EXAMINATION CERTIFICATE VTT 10 ATEX 001X Issue 2**

15. Description

Equipment is a simple bracket for fixing of an object. The object can be e.g. luminaire, cable, tube or other type of object. The fixing can be temporary or permanent. The fixing can be done onto the wall or floor or ceiling of the area. Body of the equipment is made of static dissipative plastic.

The body can be mounted onto circular magnet which is covered by static dissipative elastomer. The magnet covered with static dissipative elastomer is included in this certificate.

Documents:

Doc. No.	Document Title	Vers.	Date
35007C	CentaurSlam Click'n fix 80 (incl. magnet base plate)	-	2010-02-01
35007D	CentaurSlam Click'n fix 80 (plain bracket)	-	2010-02-01
licknfix80.jpg	CentaurSlam Click'n fix marking plate	-	2010-02-03

16. Report No. VTT-S-00163-10

17. Special conditions for safe use: None

18. Essential Health and Safety Requirements

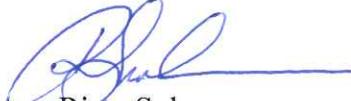
Requirements met by compliance with the standards referred in point 9.

Certificate history

Issue	Date	Report No.	Comment
-	5.2.2010	VTT-S-00163-10	Prime certificate
1	6.2.2014	-	Change of the manufacturer's name and address and the type designation Updating the certificate according to the latest edition of EN 13463-1 standard.
2	10.10.2014	-	Extension of the allowed max ambient temperature to +55 °C

Espoo, 10.10.2014  
VTT Expert Services Ltd

  
Kari Koskela  
Expert

  
Risto Sulonen  
Product Manager

Certificate without signatures shall not be valid

This certificate, including the schedule, may only be reproduced in it's entirety and without change

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 18 ATEX 063X**

4. Product: **Portable luminaire**

Certified types: **SLAM<sup>X</sup>** **Hornet EM 1Led**  
**Hornet EXIT 1Led**  
**Hornet EM 1Led 3H**  
**Hornet EXIT 1Led 3H**

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. EUFI29-19000462-T1.

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

<b>EN 60079-0 (2018)</b>	<b>EN 60079-7 (2007)</b>	<b>EN 60079-11 (2012)</b>
<b>EN 60079-18 (2009)</b>	<b>EN 60079-28 (2007)</b>	<b>EN 60079-31 (2014)</b>

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:



**II 2G Ex e ib mb op is IIC T4 Gb**  
**II 2D Ex tb op is IIIC T90°C Db**  
**IP66**

Espoo, 21.1.2019  
**Eurofins Expert Services Oy**



Ilkka Riihimäki  
 Expert



Kari Koskela  
 Expert

This document is digitally signed.



13. **Schedule**

14. **EU-Type Examination Certificate EESF 18 ATEX 063X**

15. **Description of Product**

<u>Rated values</u>	Power	30W
	Voltage	24... 42 V, 110 V... 230 V AC /DC
	Frequency	0 Hz, 50 Hz or 60 Hz

Construction

Portable luminaire with LEDs as a light source supplied by electronic control gears and rechargeable battery for battery back-up operation. LED-module and electronic control gears are moulded with silicone rubber. The whole assembly, LED-module, control gears and battery, 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. As an option the luminaire can have a through wiring or, in potentially explosive gas atmospheres, an Ex d e -certified socket and plug.

Degree of protection

- without Ex-socket: IP 66
- with Ex-socket: as marked on the Ex-certified socket but not higher than IP 66

Product type marking nomenclature

- 'EM', standard emergency version
- 'EXIT', standard emergency version with EXIT sign
- '3H', extended back-up operation time

16. **Report Number**

EUF129-19000462-T1

17. **Specific Conditions of Use**

As the marking "ib" is for internal protection of NTC-resistor, push button and signal LED circuits in the EM control unit, there is no need for Exi-associated apparatus in the supply of the luminaire.

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.	Comment
-	20.8.2014	VTT-S-03263-14	Prime certificate
VTT 14 ATEX 041X Issue 1	17.10.2014	-	Adding PC-film on LED-drivers and some minor changes in construction
VTT 14 ATEX 041X Issue 2	10.6.2016	VTT-S-02455-16	Introduction of a new LED-type and updating the certificate to refer the directive 2014/34/EU

VTT 14 ATEX 041X Issue 3	28.3.2017	VTT-S-00250-17	New compound and alternative PCB layout added for LED-modules.
VTT 14 ATEX 041X Issue 4	31.1.2018	VTT-S-00152-18	New LED types and a battery type added.
EESF 18 ATEX 063X	21.1.2019	EUFI29-19000462-T1	NB name changed from VTT Expert Services to Eurofins Expert Services. New certificate template. New LED Driver versions for extended battery back-up operation time.

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 18 ATEX 045**
4. Product: **Portable luminaire**  
 Certified types: **SLAM<sup>®</sup> Star 3LED**
5. Manufacturer: **Atexor Oy**
6. Address: **Puurtajantie 16, FI-60101 Seinäjoki**
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. S-06509-18.
9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
  

<b>EN 60079-0 (2012)</b>	<b>EN 60079-7 (2015)</b>	<b>EN 60079-18 (2015)</b>	<b>EN 60079-28 (2007)</b>
--------------------------	--------------------------	---------------------------	---------------------------
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:



**II 2G Ex eb mb op is IIC T4 Gb**

Espoo, 22.11.2018  
**Eurofins Expert Services Oy**

Kari Koskela  
 Expert

Jenni Hirvelä  
 Expert

This document is digitally signed.

13. **Schedule**

 14. **EU-Type Examination Certificate EESF 18 ATEX 045**

 15. **Description of Product**
Rated values

Voltage	24 / 42 V AC/DC or 110 / 230 V AC/DC
Current	max. 16 A
Frequency	0 Hz, 50 Hz or 60 Hz

Construction

SLAM Star 3LED is a portable luminaire that consists of three LED light modules attached on a frame and a main enclosure with a protective cover that also provides a carry handle to the equipment. The light modules have Type of Protection Ex mb op is and the main enclosure has Type of Protection Ex eb. The supply cable of the luminaire is H07BQ-F cable or a cable suitable for heavy industrial use.

The luminaire may have up to two separately “Ex d e” certified sockets for connecting luminaires in series.

- ATX, PCX, IECEx LCI 04.0014
- R. STAHL Schaltgeräte GmbH, 8570/...-..., PTB 03 ATEX 1227
- R. STAHL Schaltgeräte GmbH, 8575/...-...-, PTB 01 ATEX 1044

The allowed ambient temperature range of the equipment is -20 °C...+40 °C.

## Degree of protection

- without socket: IP 66
- with socket: as marked on the Ex certified socket but not higher than IP 66

 16. **Report Number**

S-06509-18

 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.

 20. **Certificate History**

Certificate	Date	Report No.	Change
VTT 15 ATEX 077	29.2.2016	VTT-S-00584-16	Prime certificate.
EESF 18 ATEX 044	22.11.2018	S-06509-18	The profile within the LED light modules has been remodeled and a new compound has been added.