

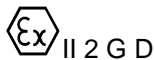


## EU Type Examination Certificate CML 22ATEX3188X Issue 1

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Luminaire for portable or fixed installation; Slam Fixed Novo 1LED, Slam Fixed Novo 2LED, Slam Hornet Neos 1LED, Slam Hornet Neos Linear 2LED, Slam Hornet Neos EM 1LED**
- 3 Manufacturer **Atexor Oy**
- 4 Address **Puurtajantie 16  
FI-60100 Seinäjoki  
Finland**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776, 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 equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN IEC 60079-0:2018                      EN IEC 60079-7:2015/A1:2018      EN 60079-11:2012  
EN IEC 60079-18:2015/A1:2017      EN 60079-31:2014

- 10 The equipment shall be marked with the following:



II 2 G D

Ex eb mb IIC T4 Gb

Ex eb ib mb IIC T4 Gb (EM module only)

Ex tb IIIC T90°C Db

Ta= -40°C to +55°C





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## 11 Description

The Luminaire for portable or fixed installation; Slam Fixed Novo 1LED, Slam Fixed Novo 2LED, Slam Hornet Neos 1LED, Slam Hornet Neos Linear 2LED & Slam Hornet Neos EM 1LED is a luminaire with LEDs as a light source supplied by electronic control gears and for the EM models only, a rechargeable battery is included 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.

### Rated values

Power 25W (1LED), 30W (EM), 50W (2LED)

Voltage 24... 42 V, 110 V... 230 V AC /DC

Frequency 0 Hz, 50 Hz or 60 Hz

### **Variation 1**

This variation introduces the following modifications:

- i. Permit the use of an alternative Endplate
- ii. Permit the use of an alternative coating
- iii. Permit the use of an alternative LED Module arrangement

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	14 Apr 2022	R15198A/00	Issue of Prime certificate
1	18 Oct 2022	R15728A/00	Introduction of variation 1

Note: Drawings that describe the equipment or component are listed in the Annex.

## 13 Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- i. Dielectric strength tests according to EN IEC 60079-7 and EN IEC 60079-18, and visual inspection according to EN IEC 60079-18.

## 14 Specific Conditions of Use (Special Conditions)

The following conditions relate to safe installation and/or use of the equipment.

- i. As the marking "ib" is for internal protection of NTC, 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.

# Certificate Annex



**Certificate Number** CML 22ATEX3188X

**Equipment** Luminaire for portable or fixed installation; Slam Fixed Novo 1LED, Slam Fixed Novo 2LED, Slam Hornet Neos 1LED, Slam Hornet Neos Linear 2LED, Slam Hornet Neos EM 1LED

**Manufacturer** Atexor Oy

The following documents describe the equipment or component defined in this certificate:

## Issue 0

Drawing No	Sheets	Rev	Approved date	Title
SHN1LEDC	1 of 1	B	14 Apr 2022	Wiring diagram SLAM Hornet Neos Led C 24V-230V (SLAM Hornet-2 1 Led C)
SHN1LEDA	1 of 1	B	14 Apr 2022	Wiring diagram SLAM Hornet Neos Led C 24V-230V (SLAM Hornet-2 1 Led C)
SHNL2LEDA	1 of 1	B	14 Apr 2022	Wiring diagram SLAM Hornet Neos Linear 2 Led A 24V-230V (SLAM Hornet-2 Linear 2 Led A)
SHNL2LEDC	1 of 1	B	14 Apr 2022	Wiring diagram SLAM Hornet Neos Linear 2 Led C 24V-230V (SLAM Hornet-2 Linear 2 Led C)
SHN1LEDA	1 to 2	H	14 Apr 2022	Exploded view and dimensions
SHN1LEDC	1 to 2	E	14 Apr 2022	Exploded view and dimensions
SHNL2LEDA	1 to 2	D	14 Apr 2022	Exploded view and dimensions
SHNL2LEDC	1 to 2	E	14 Apr 2022	Exploded view and dimensions
SHNNEP	1 of 1	A	14 Apr 2022	Neo Novo end parts- Slam Hornet Neo and SLAM FIXED Novo
10013	1 of 1	A	14 Apr 2022	Dimension drawing / protective cover
14017	1 of 1	A	14 Apr 2022	Dimension drawing / end piece with cable gland
14019	1 of 1	A	14 Apr 2022	Dimension drawing / end piece with cable gland
14021	1 of 1	A	14 Apr 2022	Dimension drawing / end piece without socket
14022	1 of 1	A	14 Apr 2022	Dimension drawing / end piece with socket
14023	1 of 1	A	14 Apr 2022	Dimension drawing / end piece with socket
14024	1 of 1	A	14 Apr 2022	Dimension drawing / end piece with socket
14025	1 of 1	A	14 Apr 2022	Dimension drawing / end piece with socket

## Certificate Annex

**Certificate Number** CML 22ATEX3188X

**Equipment** Luminaire for portable or fixed installation; Slam Fixed Novo 1LED, Slam Fixed Novo 2LED, Slam Hornet Neos 1LED, Slam Hornet Neos Linear 2LED, Slam Hornet Neos EM 1LED



**Manufacturer** Atexor Oy

14026	1 of 1	A	14 Apr 2022	Dimension drawing / outer sealing ring red
14027	1 of 1	A	14 Apr 2022	Dimension drawing / sealing ring
14041	1 of 1	A+	14 Apr 2022	Dimension drawing / outer sealing ring black
17012	1 of 1	A	14 Apr 2022	Sealing ring
17013	1 of 1	A	14 Apr 2022	Sealing ring
17014	1 of 1	B	14 Apr 2022	O-ring M20
17015	1 of 1	A	14 Apr 2022	O-ring M25
-	1 to 2	A	14 Apr 2022	SLAM Hornet Neos Emergency
-	1 of 1	-	14 Apr 2022	Novo and Neos Nameplate layout
-	1 of 1	-	14 Apr 2022	NEOS Warning

### Issue 1

Drawing No	Sheets	Rev	Approved date	Title
14053	1 of 1	A	18 Oct 2022	Novo TW EndPlate
14043	1 of 1	A	18 Oct 2022	Novo terminal block holder
SFN1LEDB	1 of 1	A	18 Oct 2022	SLAM Fixed Novo 1LED Dimensions
SFN1LEDA	1 of 1	A	18 Oct 2022	SLAM Fixed Novo 1LED Exploded View
SFN1LedB	1 of 1	A	18 Oct 2022	SLAM Fixed Novo 1LED Exploded View
SFN2LedB	1 of 1	A	18 Oct 2022	SLAM Fixed Novo 2LED Dimensions
SFN2LedA	1 of 1	A	18 Oct 2022	SLAM Fixed Novo 2LED Exploded View
SFNLedB	1 of 1	A	18 Oct 2022	SLAM Fixed Novo 2LED Exploded View
SHN2LEDC	1 to 2	A	18 Oct 2022	Slam Hornet Neos 2 LED