

(1) **Statement of Conformity**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 2014/34/EU**



(3) **Statement of Conformity Number: TÜV CY 21 ATEX 0206415 X**

(4) for the equipment: LED Lightning Fixture  
Type: SVN\_\*\*

(5) of the manufacturer: CO.SI.ME S.r.l.

(6) Address: Via Asiago, 51  
20128 Milan - Italy

Order number: 0206415

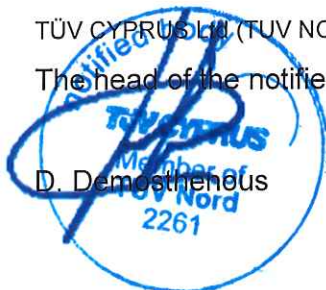
Date of issue: 2021-02-22

- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this statement of conformity and the documents therein referred to.
- (8) TÜV CYPRUS Ltd 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 systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report No. 21 0206415.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:  
**EN IEC 60079-0:2018      EN 60079-7:2015/A1:2018      EN 60079-31:2014**
- (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 statement of conformity relates only to the design, examination and tests of the specified equipment in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this statement.
- (12) The marking of the equipment or protective system must include the following:

 **II 3G Ex ec IIC T6...T5 Gc**  
**II 3D Ex tc IIC T70°C...T90°C Dc**

TÜV CYPRUS Ltd (TUV NORD Group),

The head of the notified body,



D. Demosthenous

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(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV CY 21 ATEX 0206415 X**

(15) Description of equipment

The LED luminaire type SVN\_\*\* is suitable for use in zone 2, 22.

The LED luminaire is made by the body, the transparent part fixed to the body by the locking devices opened by means of a tool. A silicon gasket is installed between the body and the transparent part to guarantee the protection degree IP66.

The electrical parts are installed inside the apparatus (LED device, LED driver compliant to IEC 61347-2-13 and terminals compliant to EN 60079-7) fixed to internal frame with function of heating dissipation. The cable entry is made by means of one or two cable glands with protection degree minimum IP66.

Type key and technical data:

Type key	Length [mm]	A	Maximum Power [W]	Rated Voltage [Vac, Vdc]	Frequency [Hz] for Vac
SVN 36	1185	400	36	12÷240V ±10%	50÷60
SVN 50	1480	1000	50	12÷240V ±10%	50÷60
SVN 60	1480	1000	60	12÷240V ±10%	50÷60
SVN 75	1580	1100	75	12÷240V ±10%	50÷60

Permissible range of ambient temperature:

Type key	Permissible range of ambient temperature		
	-25 °C to +40 °C	-25 °C to +50 °C	-25 °C to +60 °C
SVN 36	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC T70°C Dc	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC T80°C Dc	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC T90°C D
SVN 50	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC T75°C Dc	II 3G Ex ec IIC T5 Gc II 3D Ex tc IIIC T85°C Dc	-
SVN 60	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC T75°C Dc	-	-
SVN 75	II 3G Ex ec IIC T6 Gc II 3D Ex tc IIIC T75°C Dc	-	-

Warnings:

WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS  
 WARNING – DO NOT OPEN WHEN ENERGIZED

(16) Test documents are listed in the test report No. 21 0206415

(17) Special conditions for safe use

Installation and maintenance conditions shall minimize the risk of electrostatic discharges.

(13) **SCHEDULE**

(14) **Statement of Conformity No. TÜV CY 21 ATEX 0206415 X**

(18) Essential Health and Safety Requirements

This statement of conformity covers only the Essential Health and Safety Requirements related to the Directive 2014/34/EU.