

EU - Type Examination Certificate

- (1)
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**
- (3) EU - Type Examination Certificate Number

EPS 19 ATEX 1 142 X

Revision 2

- (4) Equipment: Signal lamps and speaker type SNES**/SNE**
- (5) Manufacturer: QLight Co., Ltd.
- (6) Address: 185-25, Mukbang-Ro
Sangdong-Myeon
Gimhae-Si, Gyeongsangnam-Do
Republic of Korea
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 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 and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 14TH0309.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014

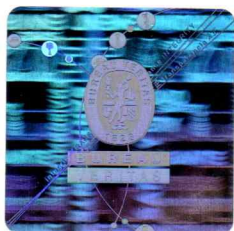
EN 60079-28:2015

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:



II 2G Ex db IIC T6 Gb

II 2G Ex db op is IIC T6 Gb (with LED)



Certification department of explosion protection

Hamburg, 2022-03-29

U. Fejke

(13)

Annex

(14) **EU - Type Examination Certificate EPS 19 ATEX 1 142 X**

Revision 2

(15) Description of equipment:

The flameproof warning light with buzzer type SNES** and flameproof warning light type SNE** housed in aluminum enclosures in type of protection flameproof enclosure "d" are used to provide acoustic and/or visual signals. A breathing device of multiple screen element is mounted in the wall of the 'Ex d' of the types SNES**. Glass dome is protected by guard. IP rating is IP66.

Type Identification of Flameproof warning light with buzzer, type SNES** and flameproof warning light, type SNE**:

Type	Description	Max power
SNES	Bulb revolving	26W
SNESL	LED flashing and steady	12W
SNESLR	LED revolving	12W
SNES	Xenon lamp strobe	23W
SNE	Bulb revolving	25.3W
SNEL	LED flashing and steady	9.2W
SNELR	LED revolving	9.2W
SNE-S	Xenon lamp strobe	18.4W

Electrical data:

U = 12VDC or 24VDC~48VDC or 120VAC or 230VAC

Telecommunication option: Voltage signal through telecommunication line is used to turn speaker and lighting part on and off. For the rated voltage of the telecommunication line see operation manual of the manufacturer.

Additional manufacturing location:

QLIGHT ELECTRONICS (QIDONG) CO., LTD
No. 33 Haiyan Road, Qidong High-Tech Industrial Development Zone
Qidong City, Nantong City, Jiangsu Province 226200 China

(16) Reference number: 14TH0309

(17) Special conditions for safe use:

- Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables of EN 60079-1.
- The yield stress of the fastener elements of each part of the flame proof casing must be at least equal to 737 N/mm².
- Ambient temperature range is from -40 °C to + 60 °C.
- A routine overpressure test of 1553 kPa according to EN 60079-1 clause 16 shall be carried out on each enclosure.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2022-03-29

U. Feike

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Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. EPS 19 ATEX 1 142 X, Revision 2.