

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 1 141 X

Revision 1

- (4) Equipment: Signal lamps and speaker type SESA** / SEA** / SPNA
- (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 14TH0271.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

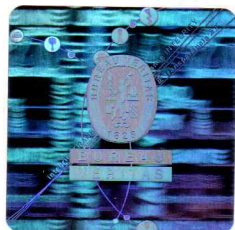
EN IEC 60079-0:2018

EN 60079-1:2014

- (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



Certification department of explosion protection

H. Schaffer

Hamburg, 2021-03-01

(13)

Annex

(14) **EU - Type Examination Certificate EPS 19 ATEX 1 141 X**

Revision 1

(15) Description of equipment:

The flameproof warning light with speaker type SESA**, flameproof warning light type SEA**, flameproof speaker type SPNA housed in aluminium 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 SESA* and SPNA. Glass dome is protected by guard. IP protection is IP66.

Type identification

Type	Description	Power
SESA	Bulb revolving	46W
SESAL	LED flashing and steady	39.1W
SESALR	LED revolving	41.4W
SESAS	Xenon lamp strobe	46W
SEA	Bulb revolving	25.3W
SEAL	LED flashing and steady	16.1W
SEALR	LED revolving	16.1W
SEAS	Xenon lamp strobe	25.3W
SPNA	Speaker only	29.9W

Electrical data:

U = 12VDC or 24VDC 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.

(16) Reference number: 14TH0271

(17) Special conditions for safe use:

- Repairs 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 1 and 2 of IEC 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.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2021-03-01



H. Schaffer