

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 21 ATEX 1 086 X

Revision 0

(4) Equipment: Flame-Proof Fire Warning light: [QNE-CR]
Flame-Proof Fire Warning light and Siren Buzzer Combination: [QNES-CR]

(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 21TH0155.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014

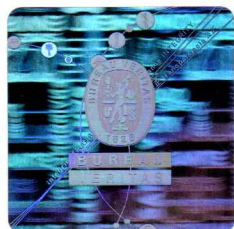
(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and construction 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/T5 Gb



Certification department of explosion protection

H. Schaffer

Hamburg, 2021-06-07

(13)

Annex

(14) **EU - Type Examination Certificate EPS 21 ATEX 1 086**

Revision 0

(15) Description of equipment:

Flameproof fire warning light/ Flameproof fire warning light and siren buzzer combination QNE/QNES-CR are composed of a body and globe. Spigot joints and cemented joints are applied to the light part. Two entries are located on the body. Enclosure material can be stainless steel or aluminum. Thread type can be 1/2 NPT, 3/4 NPT, M20 or M25. The equipment provides a degree of protection IP66 in accordance with IEC 60529.

Ambient temperature

For QNE- CR: -52 °C to +50 °C(T6), -52 °C to +60 °C(T5)
For QNES-CR: -52 °C to +45 °C(T6), -52 °C to +60 °C(T5)

Electrical data:

For QNE-CR: (12~24) Vdc, 7 W or (110~230) Vac, 20 W
For QNES-CR: (12~24) Vdc, 23 W or (110~230) Vac, 43 W

(16) Reference number: 21TH0155

(17) Special conditions for safe use:

- For information on the dimensions of the flameproof joints, the manufacturer shall be contacted.
- Potential electrostatic charging hazard - See instructions.
- Use Fasteners with yield stress ≥ 899 MPa, where the 899 MPa is determined by the applicable testing.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2021-06-07



H. Schaffer