



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EPS 21.0030X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2021-06-07)

Status: **Current** Issue No: 1

Date of Issue: 2025-09-26

Applicant: **QLight Co., Ltd.**
185-25, Mukbang-Ro
Sangdong-Myeon
Gimhae-Si, Gyeongsangnam-Do
Korea, Republic of

Equipment: **Flame-Proof Fire Warning light: QNE, QNE-CR; Flame-Proof Fire Warning light and Siren Buzzer Combination: QNES, QNES-CR**

Optional accessory:

Type of Protection: **Flameproof enclosure "d", protection by enclosure "t"**

Marking: Ex db IIC T6...T5 Gb
Ex tb IIIC T85°C...T100°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Ulrich Feike

Position:

Head of Certification

Signature:
(for printed version)

Date:
(for printed version)

2025-09-26

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Page 2 of 4

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Korea, Republic of

Manufacturing locations: **QLight Co., Ltd.**
185-25, Mukbang-Ro
Sangdong-Myeon
Gimhae-Si, Gyeongsangnam-Do
Korea, Republic of

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

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[DE/EPS/ExTR21.0029/00](#)

[DE/EPS/ExTR21.0029/01](#)

Quality Assessment Reports:

[DE/EPS/QAR14.0012/11](#)

[DE/EPS/QAR16.0004/09](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 21.0030X**

Page 3 of 4

Date of issue: 2025-09-26

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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

QNE: -40 °C to +50 °C (T6), -40 °C to +60 °C (T5)

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

QNES: -40 °C to +45 °C (T6), -40 °C to +60 °C (T5)

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

Electrical data:

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

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

SPECIFIC CONDITIONS OF USE: YES as shown below:

- 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 ≥ 600 MPa, where the 600 MPa is determined by the applicable testing.
- Overcurrent protection fuse required during installation to external supply circuit.



IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 21.0030X**

Page 4 of 4

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Rev. 1: Addition of dust protection and new models already certified.
Addition of Manufacture location.