



# 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](http://www.iecex.com)

Certificate No.: **IECEX EPS 14.0060X**

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Certificate history:

Status: **Current**

Issue No: 5

Issue 4 (2021-05-20)

Issue 3 (2020-03-31)

Issue 2 (2019-05-20)

Issue 1 (2017-12-15)

Issue 0 (2014-09-16)

Date of Issue: 2022-03-22

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

Equipment: **Flame-Proof Warning Light type SNES\*\* / SNE\*\***

Optional accessory:

Type of Protection: **"d", "op is"**

Marking: **Ex db IIC T6 Gb**

**Ex db op is IIC T6 Gb (with LED)**

Approved for issue on behalf of the IECEx  
Certification Body:

Position:

Signature:  
(for printed version)

Date:  
(for printed version)

Ulrich Feike

Head of Certification



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Certificate issued by:

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





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Manufacturer: **QLight Co., Ltd.**  
185-25, Mukbang-Ro, Sangdong-Myeon, Gimhae-Si, Gyeongsangnam-Do  
**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 60079-1:2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition: 7.0

**IEC 60079-28:2015** Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  
Edition: 2

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/ExTR14.0060/00  
DE/EPS/ExTR14.0060/04

DE/EPS/ExTR14.0060/02  
DE/EPS/ExTR14.0060/05

DE/EPS/ExTR14.0060/03

### Quality Assessment Reports:

DE/EPS/QAR14.0012/07

DE/EPS/QAR16.0004/05



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The flameproof warning light with buzzer type SNES\*\* and flameproof warning light type SNE\*\* 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 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.

## SPECIFIC CONDITIONS OF USE: YES as shown below:

- 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 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/mm<sup>2</sup>.
- Ambient temperature range is from -40 °C to + 60 °C.





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## **DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Addition of China production site