



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 14.0060X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 5	Issue 4 (2021-05-20)
Date of Issue:	2022-03-22		Issue 3 (2020-03-31)
Applicant:	QLight Co., Ltd. 185-25, Mukbang-Ro, Sangdong-Myeon, Gimhae-Si, Gyeongsangnam-Do Korea, Republic of		Issue 2 (2019-05-20)
Equipment:	Flame-Proof Warning Light type SNES** / SNE**		Issue 1 (2017-12-15)
Optional accessory:			Issue 0 (2014-09-16)
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



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.
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Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
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Germany





IECEX Certificate of Conformity

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

Page 2 of 4

Date of issue: 2022-03-22

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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



IECEX Certificate of Conformity

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

Page 3 of 4

Date of issue: 2022-03-22

Issue No: 5

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 S	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/mm².
- Ambient temperature range is from -40 °C to + 60 °C.



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

Page 4 of 4

Date of issue: 2022-03-22

Issue No: 5

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Addition of China production site