



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 KTL 18.0029X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 2	Issue 1 (2019-01-16) Issue 0 (2018-10-05)
Date of Issue:	2019-12-12		
Applicant:	Qlight Co., Ltd. 185-25, Mukbang-Ro, Sangdong-Myeon, Gimhae-Si Gyeongsangnam-Do 50805 Korea, Republic of		
Equipment:	Flameproof Fire Warning Light / Flameproof Fire Warning Light and Siren Buzzer Combination, QNE/QNES		
Optional accessory:			
Type of Protection:	Flameproof enclosure "d"		
Marking:	Ex db IIC T6/T5 Gb		

Approved for issue on behalf of the IECEx
Certification Body:

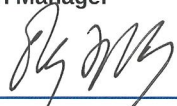
Park, Jong-koo

Position:

Certification Manager

Signature:
(for printed version)

Date:


2019-12-12

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:

Korea Testing Laboratory
87, Digital-ro, 26-gil, Guro-gu
Seoul
Korea, Republic of





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Date of issue: 2019-12-12

Issue No: 2

Manufacturer: **Qlight Co., Ltd.**
185-25, Mukbang-Ro, Sangdong-Myeon, Gimhae-Si
Gyeongsangnam-Do 50805
Korea, Republic of

Additional
manufacturing
locations:

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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

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:

KR/KTL/ExTR18.0028/00

KR/KTL/ExTR18.0028/01

KR/KTL/ExTR18.0028/02

Quality Assessment Report:

DE/EPS/QAR14.0012/05



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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 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. 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. This CoC does not include assessment to IEC 60079-28.

Ambient temperature

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

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

Electrical data

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

For QNES: (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 ≥ 899 MPa, where the 899 MPa is determined by the applicable testing.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 2

1. Stainless steel(SUS316L) was newly applied for enclosure and brass was deleted for enclosure.
2. Item name is changed

Issue 1

1. Stainless steel and Brass are newly applied for enclosure
2. Rating was changed