



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 ICR 26.0003X** Page 1 of 4 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2026-03-20

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

Equipment: **Flame-Proof Signal Tower Lamp type QST****-Ex Series**

Optional accessory:

Type of Protection: **flameproof enclosures "d"; protection by enclosure "t"**

Marking: Ex db IIC T6 Gb / Ex tb IIIC T85°C Db
-40°C ≤ Ta ≤ +60°C
IP66

Approved for issue on behalf of the IECEx
Certification Body:

Rafał Kalinowski

Position:

Director

Signature:
(for printed version)

Date:
(for printed version)

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:

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Pl. Przymierza 6
03-944 Warsaw
Poland





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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](#) 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 Report:

[PL/ICR/ExTR26.0003/00](#)

Quality Assessment Reports:

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

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



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Flame-Proof Signal Tower Lamp type QST****-Ex Series

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The manufacturer has maintained larger length, more stringent gap and a greater number of thread engagement of flameproof joints required by the standard. Hence, the user must refer to manufacturer before carrying out any repair or refurbishment to the equipment. The flame path length and gap specified in the certification drawings must never be modified.
2. The fastening screws for enclosure base body and terminal body shall be socket head cap screws made of stainless steel of size M5x0.8, 15L, property class A2-70 with minimum yield strength of 450 MPa.
3. Potential electrostatic charging hazard - See instructions. Care should be taken during installation and cleaning to avoid risk of ignition due to electro-static discharge. Cleaning of non-metallic surface must be done with a damp cloth only.
4. The equipment input should be made through the Ex d, IEC 60079-1 certified cable gland.
5. The manufacturer has maintained a greater number of threads for engagement than required by the standard at cable entries. User must ensure full thread engagement all the times.



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Equipment (continued):

Flame-Proof Signal Tower Lamps, QST****-Ex series, are LED signal lamps used for status indication and alarms. Available in basic, terminal box, and direct-installation model types, they consist of a buzzer section, an LED light section, and a mounting/junction box section. Two entries are located on the junction box or QST50*M-Ex Types are connected directly. The cable entries thread type varies depending on the product type and is specified in the instruction manual. The enclosure features an aluminium housing and polycarbonate lens, and depending on the model, supports a buzzer sound, providing audible and visual alarm functions. The equipment provides a degree of protection IP66 in accordance with IEC 60529.

Type of designation:

Model	Type Description
QST50-Ex	Basic
QST50B-Ex	Buzzer
QST50T-Ex	Terminal Body
QST50BT-Ex	Buzzer, Terminal Body
QST50M-Ex	Direct install
QST50BM-Ex	Buzzer, Direct install