



# 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.:	<b>IECEX EPS 18.0012X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 4	Issue 3 (2021-03-25)
Date of Issue:	2022-03-22		Issue 2 (2019-02-05)
Applicant:	<b>Qlight Co., Ltd.</b> 185-25, Mukbang-Ro Sangdong-Myeon Gimhae-Si Gyeongsangnam-Do Korea <b>Korea, Republic of</b>		Issue 1 (2018-03-08)
Equipment:	<b>Tower LED light type QTEXB and QTEX</b>		Issue 0 (2018-02-16)
Optional accessory:			
Type of Protection:	<b>db tb</b>		
Marking:	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66		

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.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

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





# IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 18.0012X**

Page 2 of 4

Date of issue: 2022-03-22

Issue No: 4

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

Manufacturing  
locations: **Qlight Co., Ltd.**  
185-25, Mukbang-Ro  
Sangdong-Myeon  
Gimhae-Si  
Gyeongsangnam-Do  
Korea  
**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 60079-31:2022-01 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/ExTR18.0008/00  
DE/EPS/ExTR18.0008/03

DE/EPS/ExTR18.0008/01

DE/EPS/ExTR18.0008/02

#### Quality Assessment Reports:

DE/EPS/QAR14.0012/07

DE/EPS/QAR16.0004/05



# IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 18.0012X**

Page 3 of 4

Date of issue: 2022-03-22

Issue No: 4

## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The QTEX series is a signal tower light for use in hazardous gas and dust atmospheres EPL Gb and Db. The enclosure is designed flameproof glass tube and aluminum enclosure. QTEXB version has additional siren speaker. Connection is made by direct cable gland entry. Ingress protection is IP66.

### Electrical data:

Model number	Max. Power	Voltage	Current
QTEXB	14.25W(95V)	AC/DC12V	0.430A
	20.24W(230V)	AC/DC24V	0.259A
		AC95 ~ 230V	MAX. 0.135A
QTEX	11.9W(95V)	AC/DC12V	0.330A
	17.02W(230V)	AC/DC24V	0.189A
		AC95 ~ 230V	MAX. 0.113A

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

The glass must be protected from high impact energy hazards.

Ambient temperature range: -40 °C to +60 °C.

### Special conditions for manufacturing:

The enclosure shall be subjected to routine overpressure test according to IEC 60079-1, 15.2.3 with 23.5 bar.



# IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 18.0012X**

Page 4 of 4

Date of issue: 2022-03-22

Issue No: 4

**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**  
Addition of China factory address