



# 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 CQM 24.0060X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-01-02

Applicant: **Zhejiang Tormin Electrical Co., Ltd.**  
No. 2, Gangteng Road, Yongxing Subdistrict, Longwan District  
Wenzhou City, Zhejiang Province 325024  
**China**

Equipment: **Maintenance free energy-saving explosion-proof lamp typed BC9200-L\*\***

Optional accessory:

Type of Protection: **Flameproof enclosure "db", Increased safety "eb", Dust ignition protection by enclosure "tb"**

Marking: **Ex db eb IIC T6 Gb; Ex tb IIC T80°C Db**

Approved for issue on behalf of the IECEx  
Certification Body:

**Ji Xiaodong**

Position:

**President**

Signature:  
(for printed version)

Date:  
(for printed version)

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**China Quality Mark Certification Group Co., Ltd.**  
No. 33 Zengguang Road, Haidian District  
Beijing City, Postal code: 100048  
**China**





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Manufacturer: **Zhejiang Tormin Electrical Co., Ltd.**  
No. 2, Gangteng Road, Yongxing Subdistrict, Longwan District  
Wenzhou City, Zhejiang Province 325024  
**China**

Manufacturing locations: **Zhejiang Tormin Electrical Co., Ltd.**  
No. 2, Gangteng Road, Yongxing Subdistrict, Longwan District  
Wenzhou City, Zhejiang Province 325024  
**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

**IEC 60079-7:2017** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

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:

**CN/CQM/ExTR24.0084/00**

Quality Assessment Report:

**NL/CNEX/QAR23.0001/01**



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## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

BC9200 series maintenance free energy-saving explosion-proof lamp consists of an Ex d light source chamber and an Ex e wiring chamber. Metallic enclosure, PC lampshade. There are eight models (table below) with the same structure. Three types of cable entries including G 1/2", NPT1/2", M20×1.5. Cable entries with G thread are certificated with clamping nut and sealing ring as cable gland integrally with the equipment and cable entries with NPT1/2", M20×1.5 shall be installed with separated certified cable glands.

| Model       | Rated Power | Rated voltage                   |
|-------------|-------------|---------------------------------|
| BC9200-L6   | 6W          | AC 100~240V, 50Hz/60Hz          |
| BC9200-L12  | 12W         |                                 |
| BC9200-L15  | 15W         |                                 |
| BC9200-L20  | 20W         |                                 |
| BC9200-L6D  | 6W          | AC 20~40V, 50Hz/60Hz, DC 20~50V |
| BC9200-L12D | 12W         |                                 |
| BC9200-L15D | 15W         |                                 |
| BC9200-L20D | 20W         |                                 |

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

1. Ambient temperature range: -20°C~+55°C.
2. Observe the warning: "WARNING-DO NOT OPEN WHEN ENERGIZED.", "WARNING-POTENTIAL ELECTROSTATIC CHARGING HAZARD-SEE INSTRUCTIONS."
3. The product is installed in explosive gas and dust atmosphere, separated certified cable glands or blanking elements fulfil requirements of IEC 60079-0:2017 , IEC 60079-7:2017, IEC 60079-31:2022 with Ex marking Ex eb IIC Gb, Ex tb IIIC Db, IP66 shall be incorporate.