



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:

IECEx CQM 12.0042X

issue No.:0

Certificate history:

Status:

Current

Date of Issue:

2012-10-24

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Applicant:

Warom Technology Incorporated Company
No.555, Baoqian Road, Jiading District, Shanghai, 201808, P.R.China.
China

Electrical Apparatus:
Optional accessory:

Explosion-proof light fittings for fluorescent lamp BAY51-...

Type of Protection:

Flameproof enclosures "d", Protection by enclosure "t"

Marking:

**Ex d IIC T6 Gb, Ex t IIIC T80°C Db IP66
-20°C ≤ Ta ≤ +55°C**

Approved for issue on behalf of the IECEx
Certification Body:

Zhang Wei

Position:

General Manager

Signature:
(for printed version)

Date:

2012-10-24

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District,
Beijing City, Postal code: 100037
China





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Manufacturer: **Warom Technology Incorporated Company**
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Additional Manufacturing location
(s):

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 electrical apparatus 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 : 2007-10 Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'

*This Certificate **does not** indicate compliance with electrical 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/ExTR12.0049/00](#)

Quality Assessment Report:
[CN/CQM/QAR07.0003/03](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The BAY51 Series Explosion-proof Light Fittings for Fluorescent Lamp have two kinds of structure: single tube and dual tube. The single tube explosion-proof light fittings for fluorescent lamp are composed of quick-open cover, enclosure, glass shade and back cover. The metallic part of the compartment is manufactured from aluminium alloy. The dual tube type is composed of two single tube explosion-proof light fittings for fluorescent lamps. The two compartments are connected by connector. The wires through the connector are sealed by compound.

Rating

Voltage: AC100V~300V, 50Hz/60Hz

Lamp source:

1x18W 2x18W

1x36W 2x36W

1x58W 2x58W

CONDITIONS OF CERTIFICATION: YES as shown below:

1. Repair of the threaded 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 table 3 of IEC 60079-1:2007.
2. The mounting direction of explosion-proof light fittings for fluorescent lamp are pole mounting and pendant mounting. See the manual.