



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 07.0007 issue No.:2
Status: Current
Date of Issue: 2012-12-16 Page 1 of 4

Certificate history:
Issue No. 2 (2012-12-16)
Issue No. 1 (2012-2-8)
Issue No. 0 (2007-8-30)

Applicant: Warom Technology Incorporated Company
No. 555, Baoqian Road, Jiading District, Shanghai City
Postal code: 201 808
China

Electrical Apparatus: Explosion-proof Light Fittings for Fluorescent Lamp Series BAY51-Q
Optional accessory:

Type of Protection: Ex "d", "e", "q", "t"

Marking: Ex d e q IIC T4 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:

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.

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**
No. 555, Baoqian Road, Jiading District, Shanghai City
Postal code: 201 808
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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' |
| IEC 60079-5 : 2007-03
Edition: 3 | Explosive atmospheres - Part 5: Equipment protection by powder filling "q" |
| IEC 60079-7 : 2006-07
Edition: 4 | Explosive atmospheres - Part 7: Equipment protection by increased safety "e" |

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/ExTR07.0008/01

CN/CQM/ExTR07.0008/02

CN/CQM/ExTR07.0008/03

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 product is a combination structure with type of protection "e", "d", "q" and "t". The interlock switch of the lamp is of type "d" and the ballast is of type "q". Other parts of the lamp comply with requirements of type "e". The material of the enclosure of the product is plastic.

Ratings:

AC96V~254V, 50Hz/60Hz, 1×36W, 2×36W, 1×18W, 2×18W

CONDITIONS OF CERTIFICATION: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

1. A re-evaluation according to the actual valid standard editions, that is, IEC 60079-31:2008 was conducted.
2. The external dimension of models 1× 18W and 2×18W is changed.