



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 12.0046X issue No.: 0 Certificate history:

Status: Current

Date of Issue: 2012-12-10 Page 1 of 3

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

Electrical Apparatus: Explosion-proof light fittings for fluorescent lamp BnY81 Series
Optional accessory:

Type of Protection: Type of protection "n", Protection by enclosure "t"

Marking: Ex nA IIC T4 Gc / Ex t IIIC T 80°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:

2012-12-10

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





IECEx Certificate of Conformity

Certificate No.: IECEx CQM 12.0046X

Date of Issue: 2012-12-10

Issue No.: 0

Page 2 of 3

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

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 60079-15 : 2010 Edition: 4	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
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/ExTR12.0054/00

Quality Assessment Report:

CN/CQM/QAR07.0003/03



IECEx Certificate of Conformity

Certificate No.: IECEx CQM 12.0046X

Date of Issue: 2012-12-10

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The Series BnY81 explosion-proof light fittings for fluorescent lamp (here after referred to as fluorescent lamp) are of type "nA" and type "t". The enclosure of it consists of body (PC), light-transmitting cover (PC), EPDM sealing strip. The lamp tube of fluorescent lamps, reflector, terminals, ballast, bracket and G13 lamp holders are installed inside the enclosure. The fluorescent lamp uses the locking plate, lock cylinder and hanger to keep the body and light-transmitting cover fasten. The entries are located in the body. The explosion-proof cable glands or plug should be installed which have obtained suitable IECEx certificates.

Rating

For fluorescent lamp light source:

100~300VAC 50/60Hz

18W×1 18W×2

36W×1 36W×2

58W×1 58W×2

For LED light source:

90~264VAC 50/60Hz

9W(10W) ×1 9W(10W) ×2

18W(19W) ×1 18W(19W) ×2

28W(25W) ×1 28W(25W) ×2

CONDITIONS OF CERTIFICATION: YES as shown below:

WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS