



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

Certificate No.: **IECEX CQM 14.0051X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2014-10-14
Applicant: **Warom Technology Incorporated Company**
No.555, Baoqian Road, Jiading District, Shanghai, 201808
P.R.China.
China
Equipment: **Explosion-proof emergency LED light fittings for fluorescent lamp BAY51-LED...J series**
Optional accessory:
Type of Protection: **Flameproof enclosure "d", Protection by enclosure "t"**
Marking: Ex d IIC T6 Gb
Ex tb IIIC T80°C Db IP66
Tamb: -20°C~+55°C

Approved for issue on behalf of the IECEx
Certification Body:

Zhang Wei

Position:

President

Signature:
(for printed version)

Date:
(for printed version)

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 or use of this QR Code.



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, 201808
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China

Manufacturing
locations:

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 60079-0:2011](#) Explosive atmospheres - Part 0: General requirements
Edition:6.0

[IEC 60079-1:2007-04](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

[IEC 60079-31:2008](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition: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/ExTR14.0079/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/04](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Description of equipment

BAY51-LED...J series explosion-proof emergency LED light fittings for fluorescent lamp is type "d" and "t". It contains series:9W×2, 18W×2 and 28W×2. The enclosure of these series have same structure but different volume of light source. the enclosure is comprised of rapid-open cover, connecting cover, body, back cover and glass cover. The enclosure contains three compartment: power compartment in which LED control device, LED emergency device, charging battery, terminals are installed and two light source compartments in which lamp tubes are installed. The material of rapid-open cover, body and back cover is aluminium alloy (ENAC-AISi12(b)). A reflector is provided which is made by Q235. Four threaded holes are provided to install with appropriate certified cable glands or plugs. The form of thread entry can be M25×1.5 or NPT3/4. The emergency function can be turned on after power-off automatically.

Rating

Rated voltage range: 110~265 V AC

Light source: LED

Rated power: 9W×2, 18W×2, 28W×2

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Certified cable glands or plugs which cannot invalidate the type of protection must be installed at entries.
2. Do not open when an explosive atmosphere may be present.
3. Repair of the flameproof 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 tables 1 and tables 3 of IEC 60079-1.