



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 12.0036X	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 1	Issue 0 (2012-08-22)
Date of Issue:	2025-11-12		
Applicant:	WAROM TECHNOLOGY INCORPORATED COMPANY No. 555, Baoqian Road, Jiading District, Shanghai 201808 China		
Equipment:	Explosion-proof lightings Type BDD81		
Optional accessory:			
Type of Protection:	Flameproof enclosures "d", Protection by enclosures "t"		
Marking:	Ex d IIC T4 Gb, Ex t IIIC T130°C Db IP66 Tamb: -40°C to +55°C		

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

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: 100048
China





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Issue No: 1

Manufacturer: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading District, Shanghai 201808
China

Manufacturing
locations: **WAROM TECHNOLOGY
INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading
District, Shanghai 201808
China

**WAROM TECHNOLOGY ARABIA
INDUSTRIAL LLC**
Building No. 4443, Ibn Sina Street, 1st
Industrial District
Dammam 32234
Saudi Arabia

**WAROM TECHNOLOGY MENA
FZCO**
Plot, S10103, Jebel Ali South, Jebel Ali
Freezone
DUBAI PO Box: 263667
United Arab Emirates

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 60079-0:2007 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-1:2007 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/ExTR12.0042/00

Quality Assessment Report:

CN/CQM/QAR07.0003/14



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Description of equipment

BDD81 Explosion-proof lightings are protected by type “d” and “t”. The enclosure material is aluminium alloy. The material of light transmitting part is toughened glass. The enclosure is comprised of a glass cover, a clamping ring, an enclosure ring, an enclosure, a base (or a outlet sleeve of pendant pole) and plugs. A lamp holder and a terminal are installed in compartment. Four cable entries are provided in the base for connection of suitably certified cable glands or blanking plugs.

Rating

Rated voltage: 220V ~ 240V AC 50/60Hz

Light source: incandescent lamp (25W, 40W, 60W, 100W);
energy saving lamp (9W, 11W)

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Repair of the threaded joints must be made in compliance with the structural specifications provided by the manufacturer.
2. Repairs must not be made on the basis of values specified in table 3 and table 4 of IEC 60079-1:2007.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Additional manufacturing locations WAROM TECHNOLOGY MENA FZCO and WAROM TECHNOLOGY ARABIA INDUSTRIAL LLC are added.