



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 22.0024X	Page 1 of 4	<u>Certificate history:</u> Issue 0 (2022-11-23)
Status:	Current	Issue No: 1	
Date of Issue:	2025-11-12		
Applicant:	WAROM TECHNOLOGY INCORPORATED COMPANY No. 555, Baoqian Road, Jiading District, Shanghai 201808 China		
Equipment:	Explosion-proof Street Lamps typed BAM52 Series		
Optional accessory:			
Type of Protection:	Restricted-breathing enclosure "nR" and dust ignition protection by enclosure "tb"		
Marking:	Ex nR IIC T4/T3 Gc Ex tb IIIC T130°C/T133°C/T190°C Db		

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





IECEx Certificate of Conformity

Certificate No.: **IECEx CQM 22.0024X**

Page 2 of 4

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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 MENA FZCO
Plot, S10103, Jebal Ali South, Jebal Ali Freezone
DUBAI PO Box: 263667
United Arab Emirates

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

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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-15:2017](#) Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

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/ExTR22.0043/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/14](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx CQM 22.0024X**

Page 3 of 4

Date of issue: 2025-11-12

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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

BAM52 series explosion-proof street lamps are integrated explosion-proof lightings. The enclosure is made of copper-free aluminium with high-pressure static plastic spraying surface. The lamp is equipped with an electromagnetic ballast. The light source of this lamp is high pressure sodium lamp. Separated certified cable glands are used. Earthing screws are provided inside and outside the enclosure, which should be earthing reliably during usage.

Details of typed covered: BAM52-HSE150W, BAM52-HSE250W, BAM52-HSE400W

Rated voltage: AC 220~240V 50/60Hz, AC415V 50Hz

Rated power: 150W, 250W, 400W

Light source: HSE

Relation between power, rated voltage, ambient temperature and temperature class refer to attachment.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Ambient temperature: -40°C~ +40°C or -40°C~ +55°C.
2. A test port is not included in the equipment. After the opening of the covers pay attention to avoid damages to the gaskets and check their status. If necessary contact the manufacturer for gaskets replacement.
3. Tempered glass is submitted to test corresponding to the low risk of mechanical danger, the impact energy is 2J.
4. Observe the warning "WARNING – AFTER DE-ENERGIZING, DELAY 15 MINUTES BEFORE OPENING!", "WARNING – POTENTIAL ELECTROSTATIC CHARGING HAZARD-SEE INSTRUCTIONS!" and "WARNING – EXTERNAL CABLES OF TEMPERATURE RATINGS MORE THAN 80°C SHOULD BE USED."



IECEx Certificate of Conformity

Certificate No.: **IECEx CQM 22.0024X**

Page 4 of 4

Date of issue: 2025-11-12

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Change the location of WAROM TECHNOLOGY MENA FZCO and additional manufacturing Location WAROM TECHNOLOGY ARABIA INDUSTRIAL LLC is added.

Annex:

[IECEx_CQM_22.0024X_001.pdf](#)



Attachment to Certificate

IECEX CQM 22.0024X issue No.1



Applicant:

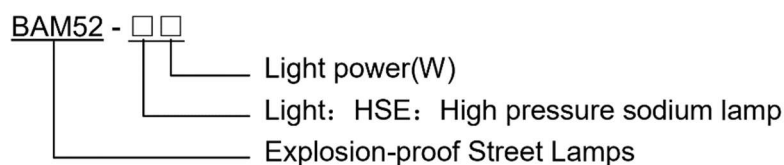
Warom Technology Incorporated Company

Address: No.555, Baoqian Road, Jiading, Shanghai, 201808, PRC

Electrical equipment:

Explosion-proof Street Lamps typed

BAM52-HSE150W, BAM52-HSE250W, BAM52-HSE400W



Relation between power, rated voltage, ambient temperature and temperature class:

Rated voltage	Power	Temperature class			
		-40°C≤Ta≤+40°C		-40°C≤Ta≤+55°C	
		Gas	Dust	Gas	Dust
AC 415V 50Hz	250, 400	T3	T190°C	T3	T190°C
AC220~240V 50Hz	150, 400	T4	T130°C	T3	T190°C
	250	T3	T133°C	T3	T190°C
AC220~240V 60Hz	150, 250, 400	T4	T130°C	T4	T130°C