



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 25.0069X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-11-07

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

Equipment: **Explosion-proof Pendant Lights typed HRY51-G/C LED *x*****

Optional accessory:

Type of Protection: **Flameproof enclosur "db", Increased safety "eb", Powder filling "q", Dust ignition protection by enclosure "tb"**

Marking: Ex db eb IIC T6/T5 Gb
Ex db eb q IIC T6/T5 Gb
Ex tb IIC T80°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 25.0069X**

Page 2 of 3

Date of issue: 2025-11-07

Issue No: 0

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

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 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-5:2015 Explosive atmospheres -Part 5: Equipment protection by powder filling "q"
Edition:4.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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 Reports:

CN/CQM/ExTR24.0082/00
GB/CML/ExTR21.0230/00

CN/CQM/ExTR24.0082/01

GB/CML/ExTR21.0058/00

Quality Assessment Report:

CN/CQM/QAR07.0003/13



IECEx Certificate of Conformity

Certificate No.: **IECEx CQM 25.0069X**

Page 3 of 3

Date of issue: 2025-11-07

Issue No: 0

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Type HRY51-G/C LED explosion-proof pendant lights are composed of non-metallic PC transparent covers and carbon steel or stainless steel bodies. The cable entries are located on both sides of the enclosure. Any unused entries should be fitted with plugs. Type HRY51-G/C LED explosion-proof pendant lights are available in two versions: internal power and external power. The internal power version includes either one or two separately certified BT8 LED tubes with type of protection "db eb". The external power version is divided into emergency version and non-emergency version. The emergency version includes either one or two separately certified BT8 LED tubes, along with a separately certified emergency controller, an optional certified emergency indicator, and a battery pack. The non-emergency version includes only a separately certified BT8 LED tube and a separately certified driver power supply. The product fulfills the requirements of IP66/IP67 according to IEC 60529.

Ratings:

HRY51-G/C LED 9×***, HRY51-G/C LED 18×***

Rated voltage: 170...264V AC, 50/60Hz.

Power : 9W×1, 18W×1, 9W×2, 18W×2

HRY51-G/C LED 14×***, HRY51-G/C LED 28×***

Rated voltage: 100...277V AC 50/60Hz, 200...250V D.C.

Power : 14W×1, 28W×1, 14W×2, 28W×2

Refer to attachment for details of nomenclature and relation between Ex marking and ambient temperature.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. When installed in hazardous area, only properly certified cable glands or blanking element shall be used.
2. The drivers have been permanently sealed. No attempt shall be made to open or repair them.
3. The equipment shall not be used in areas affected by charge-producing processes, mechanical friction, separation processed electron emission (e.g. in the vicinity of electrostatic coating equipment) or pneumatically conveyed dust.
4. The lamps shall only be replaced by the same type of BT8 tubes.

Annex:

[IECEx_CQM_25.0069X GC Attachment_1.pdf](#)



Attachment to Certificate

IECEX CQM 25.0069X issue No.0



Applicant:

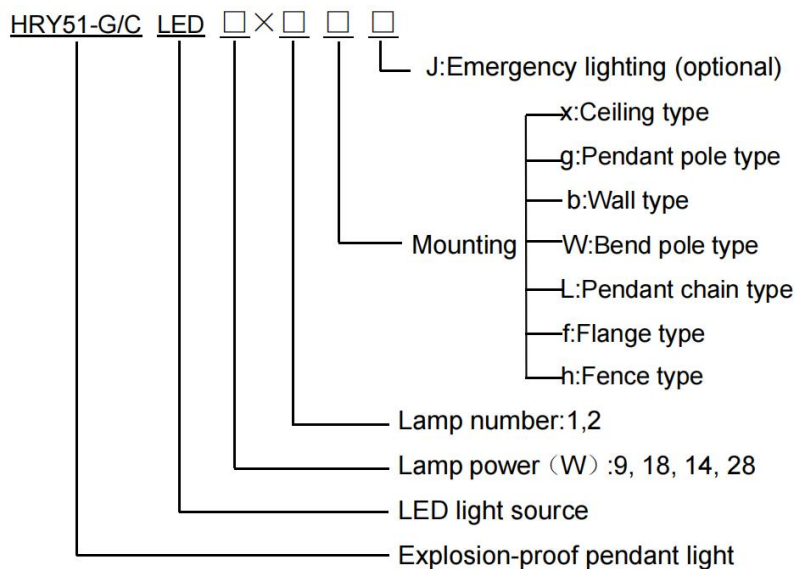
Warom Technology Incorporated Company

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

Electrical equipment:

Explosion-proof Pendant Lights typed HRY51-G/C LED *x***

Nomenclature:



Relation between model, Ex marking and ambient temperature:

Model	Ex-mark	Ambient temperature
HR51-G/C LED 9x**	Ex db eb II C T6 Gb	-40℃~+57℃
HR51-G/C LED 18x**	Ex tb IIIC T80℃ Db	-40℃~+58℃
HR51-G/C LED 14x**	Ex db eb q II C T6 Gb	-40℃~+53℃
HR51-G/C LED 28x**	Ex tb IIIC T80℃ Db	-40℃~+58℃
HR51-G/C LED 14x**J	Ex db eb q II C T6 Gb	-40℃~+48℃
HR51-G/C LED 28x**J	Ex tb IIIC T80℃ Db	-40℃~+48℃



Attachment to Certificate

IECEX CQM 25.0069X issue No.0



	Ex db eb q II C T5 Gb Ex tb IIIC T80°C Db	-40°C~+53°C
--	--	-------------

The equipment includes the following separately certified parts:

Separately Certified Equipment/Components Included in Test Item Description:

Part Type	Manufacturer	Model/Type	Certificate No.	Ex Marking String	Standard(s) and date(s)/edition(s)
LED Tube	WAROM	BT8	IECEX CQM 19.0012U	Ex db eb II C Gb	IEC 60079-0 ed7.0 IEC 60079-1 ed7.0 IEC 60079-7 ed5.1
LED Emergency controller	WAROM	HRE14-2C HRE28-2C	IECEX CQM 19.0011U	Ex eb q II C Gb	IEC 60079-0 ed7.0 IEC 60079-5 ed4.0 IEC 60079-7 ed5.1
LED driver	WAROM	HRB14-2C HRB28-2C	IECEX CQM 19.0002U	Ex eb q II C Gb	IEC 60079-0 ed7.0 IEC 60079-5 ed4.0 IEC 60079-7 ed5.1
Stopping plug	WAROM	BPT-e	IECEX CQM 16.0021X	Ex e II C Gb	IEC 60079-0 ed6.0 ¹⁾ IEC 60079-7 ed5.0 ¹⁾ IEC 60079-31 ed2.0 ¹⁾
Terminal blocks	Connectwell Industries	CMB4/CMT4	IECEX SIR 20.0046U	Ex eb II C Gb	IEC 60079-0 ed7.0 IEC 60079-7 ed5.1
Terminal blocks	PHOENIX CONTACT GmbH & Co. KG	MUT6/MUT6-PE	IECEX SEV 13.0012U	Ex eb II C Gb	IEC 60079-0 ed7.0 IEC 60079-7 ed5.1
Switch	WAROM	BA-X	IECEX TUR	Ex db IIC Gb	IEC 60079-0 ed7.0



Attachment to Certificate

IECEX CQM 25.0069X issue No.0



Separately Certified Equipment/Components Included in Test Item Description:					
Part Type	Manufacturer	Model/Type	Certificate No.	Ex Marking String	Standard(s) and date(s)/edition(s)
			20.0041U		IEC 60079-1 ed7.0
Stopping plug	WAROM	BPT	IECEX CQM 25.0022X	Ex eb II C Gb	IEC 60079-0 ed7.0 IEC 60079-7 ed5.1 IEC 60079-31 ed3.0
Explosion-proof indicator	WAROM	BD8060	IECEX CQM 24.0019U	Ex db eb II C Gb	IEC 60079-0 ed7.0 IEC 60079-1 ed7.0 IEC 60079-7 ed5.1

Note 1: Difference between two version of standards are not related to the Ex component.