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 13.0025X**	Page 1 of 3	Certificate history:
Status:	**Current**	Issue No: 0	
Date of Issue:	2013-08-16		
Applicant:	**CZ Explosion-proof Electric Appliances Co., Ltd.** No.1 Qixing Rd, Qixing Town, Nanhu District, Jiaxing, Zhejiang, 314002 **China**		
Equipment:	**Explosion-proof light fittings CZ0871, 2,3 or 4/...**		
Optional accessory:			
Type of Protection:	**Flameproof enclosure "d", Icreased safety "e", Protection by enclosure "t"**		
Marking:	Ex d e II CT3/T4/T5/T6 Gb, Ex tb IIIC T195℃/T130℃/T95℃/T80℃ Db IP66		

Approved for issue on behalf of the IECEx Certification Body: **Zhang Wei**

Position: **President**

Signature: (for printed version)

Date:

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

IECEx Certificate of Conformity

Certificate No.: **IECEx CQM 13.0025X** Page 2 of 3

Date of issue: 2013-08-16 Issue No: 0

Manufacturer: **CZ Explosion-proof Electric Appliances Co., Ltd.**
No.1 Qixing Rd, Qixing Town, Nanhu District, Jiaxing, Zhejiang, 314002
China

Additional 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

IEC 60079-7:2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

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/ExTR13.0028/00

Quality Assessment Report:

CN/CQM/QAR08.0001/02

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Description of equipment

1.This certificate covers the following types:
CZ0871/2□-□□W, CZ0872/2□-□□W, CZ0873/□□-□□W, CZ0874/□□-□□W.

2.Structure of production
The explosion-proof lights cast aluminum alloy the flameproof body and increased safety terminal box, transition nut with explosion-proof threaded connection between the two, the transition nut through connecting wires and the cast and seal.
Explosion-proof lamp housing made of aluminum alloy die-casting molding, surface coating of pure epoxy resin powder; glass with tempered glass, with tight the Medallions glass collar card and adhesive as one of the composition of the glass package. Threaded flameproof joints between the glass kit and transition nut and light body. Junction box located in the side of the lamp body, built-in cage wiring terminals (Ex e II C Gb), easy wiring,Cable entries and empty plug plug cable into the mouth of the junction box is equipped

3. Details of model, rating and Temperature Code see as in attachment.

SPECIFIC CONDITIONS OF USE: YES as shown below:
1. Service ambient temperature: -20℃ to +40℃ /+55℃, -40℃ to +40℃ /+55℃
2. When application, the earthing is well.
3. When assembly, operation and maintenance, the operator should follow the requirements of IEC 60079-14:2007 Explosive atmospheres - Part 14: Electrical installations design, selection and erection, beside of the CZ087□ Series Explosion-proof light fittings Instruction.

4.Explosion-proof lights on a non-charged opening the lid and close the switch to turn lamps must cool for 15 minutes

Annex:

Attachment to CoC.pdf

Attachment to CoC

IECEx CQM 13.0025/00

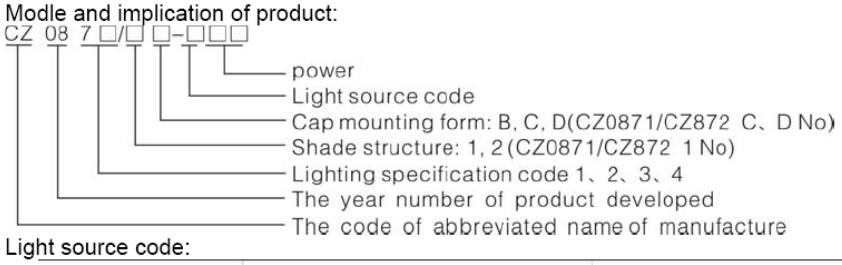
Manufacturer: CZ Explosion-proof Electric Appliances Co., Ltd.
No.1 Qixing Rd, Qixing Town, Nanhu District, Jiaxing, Zhejiang

Electrical equipment: Explosion-proof light fittings
CZ0871/2□-□□W CZ0872/2□-□□W CZ0873 /2□-□□W
CZ0874 /2□-□□W CZ0873 /1-□□W CZ0874 /1□-□□W

General product information:

1. This report covers the following types:
CZ0871/2□-□□W, CZ0872/2□-□□W, CZ0873/□□-□□W, CZ0874/□□-□□W.
24V AC/DC, 110V AC, 220V AC, 100V～240V AC, 240V AC,
230 V AC, 240V AC, 220V～240V AC, 230V/240V AC, 220V/230V/240V AC
50Hz, 60Hz, 50/60Hz.

Modle and implication of product:



Light source code:

J-Metal halide lamps	N-High-pressure sodium lamps	G-High-pressure mercury lamps
QL-Induction lamps	B-Incandescent lamps	JN-Compact Fluorescent
LED-LED lamps	Z-Self-Ballasted mercury lamps	TD-LED warning light tower
JD-Warning lamps	ZDL-LED Aviation Obstruction Light	ZDB-Xenon strobe pulse aviation obstruction lights

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2 Table for model, rating and temperature class

No.	Type of production	Rated voltage	Ambient temperature/ Temperature group	
			Ta≤40℃	Ta≤55℃
1	CZ0871/2B-JN45W	220～240V AC 50/60Hz	T6	/
2	CZ0871/2B-JN65W	220～240V AC 50/60Hz	T6	/
3	CZ0871/2B-QL50W	220～240V AC 50/60Hz	T6	T5
4	CZ0871/2B-QL85W	220～240V AC 50/60Hz	T6	T5
5	CZ0871/2B-B200W	220 AC 50Hz	T4	/
6	CZ0871/2B-B300W	220 AC 50Hz	T4	/
7	CZ0871/2B-Z125W	220 AC 50Hz	T4	/
8	CZ0871/2B-Z160W	220 AC 50Hz	T4	/
9	CZ0871/2B-G50W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
10	CZ0871/2B-G80W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
11	CZ0871/2B-G125W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
12	CZ0871/2B-J70W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T6	T5
13	CZ0871/2B-J100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T5	T4
14	CZ0871/2B-J150W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T5	T4
15	CZ0871/2B-N70W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T6	T5
16	CZ0871/2B-N100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T6	T5
17	CZ0872/2B-QL135W	220～240V AC 50/60Hz	T5	T4
18	CZ0872/2B-QL165W	220～240V AC 50/60Hz	T5	T4
19	CZ0872/2B-B500W	220V AC 50Hz	T4	/
20	CZ0872/2B-Z500W	220V AC 50Hz	T3	/
21	CZ0872/2B-G400W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T3	/
22	CZ0872/2B-J250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T5	T4
23	CZ0872/2B-J400W	220V AC, 230V AC, 240V AC, 230V/240 AC,220V/230V/240V AC 50Hz	T4	/
24	CZ0872/2B-N150W	220V AC, 230V AC, 240V AC, 230V/240 AC, 20V/230V/240V AC 50Hz	T4	T4
25	CZ0872/2B-N250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T5	T4
26	CZ0872/2B-N400W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	/
27	CZ0873/1B(C,D)-LED30W	100V～240V AC 50/60Hz	T6	T6
28	CZ0873/2 B(C,D)-ZDB	24V AC/DC,110V AC, 220V AC, 230V AC, 240V AC 50/60Hz Max10W	T6	T6
29	CZ0873/2 B(C,D)-ZDL	24V AC/DC, 110V AC, 220V AC, 230V AC, 240V AC 50/60Hz Max10W	T6	T6
30	CZ0873/2 B(C,D)-JD	24V AC/DC,110V AC, 220V AC, 230V AC, 240V AC 50/60Hz Max10W	T6	T6
31	CZ0873/2 B(C,D)-TD	24V AC/DC, 110V AC, 220V AC, 230V AC, 240V AC 50/60Hz Max10W	T6	T6
32	CZ0873/2 B(C,D)-LED25W	100V～240V AC 50/60Hz	T6	T6
33	CZ0873 /2 B(C,D)-QL50W	220～240V AC 50/60Hz	T6	T6
34	CZ0873 /2 B(C,D)-JN45W	220～240V AC 50/60Hz	T6	/
35	CZ0873 /2 B(C,D)-JN65W	220～240V AC 50/60Hz	T6	/

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36	CZ0873 /2 B(C,D)- J70W	220V AC, 230V AC, 240V AC, 230V/240 AC,220V/230V/240V AC 50Hz	T6	T5
37	CZ0873 /2 B(C,D)- J100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
38	CZ0873 /2 B(C,D)- J150W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
39	CZ0873 /2 B(C,D)- N70W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T5	T4
40	CZ0873 /2 B(C,D)- N100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T5	T4
41	CZ0874/1 B(C,D)-LED45W	100V～240V AC 50/60Hz	T6	T6
42	CZ0874/1 B(C,D)-LED60W	100V～240V AC 50/60Hz	T6	T6
43	CZ0874 /2 B(C,D)- J250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
44	CZ0874 /2 B(C,D)- N150W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
45	CZ0874 /2 B(C,D)- N250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 50Hz	T4	T4
46	CZ0871/2B-G50W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
47	CZ0871/2B-G80W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
48	CZ0871/2B-G125W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T 4
49	CZ0871/2B-J70W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T6	T 5
50	CZ0871/2B-J100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
51	CZ0871/2B-J150W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
52	CZ0871/2B-N70W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T5	T4
53	CZ0871/2B-N100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T5	T4
54	CZ0872/2B-G250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T3	/
55	CZ0872/2B-J250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
56	CZ0872/2B-N150W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
57	CZ0872/2B-N250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T5	T4
58	CZ0872/2B-N400W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	/
59	CZ0873 /2 B(C,D)- J70W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T6	T5
60	CZ0873 /2 B(C,D)- J100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
61	CZ0873 /2 B(C,D)- J150W	220V AC, 230V AC,240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
62	CZ0873 /2 B(C,D)- N70W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T5	T4
63	CZ0873 /2 B(C,D)- N100W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T5	T4
64	CZ0874 /2 B(C,D)- J250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
65	CZ0874 /2 B(C,D)- N150W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4
66	CZ0874 /2 B(C,D)- N250W	220V AC, 230V AC, 240V AC, 230V/240 AC, 220V/230V/240V AC 60Hz	T4	T4

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