

IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx CML 15.0090X Issue No: 0 Certificate history:
Issue No. 0 (2015-12-15)
Status: **Current** Page 1 of 3
Date of Issue: **2015-12-15**

Applicant: **Index Elektro B.V.**
Harregatplein 15
3214 VP
Zuidland
The Netherlands

Electrical Apparatus: **Explosion-proof Light Fittings, Z087* Series**
Optional accessory:

Type of Protection: **Ex d, Ex e, Ex t**

Marking:
Ex d e IIC T* Gb
Ex tb IIIC T* Db
-20°C to +40°C/+55°C, or, -40°C to +40°C/+55°C

*For all options of temperature class and ambient range, refer to certificate Annex

Approved for issue on behalf of the IECEx
Certification Body:

M D Shearman FlntMC

Position:

Managing Director

Signature:
(for printed version)

Date:

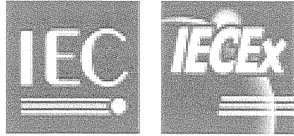
December 15, 2015

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 the Official IECEx Website.

Certificate issued by:

Certification Management Limited
Unit 1, Newport Business Park
New Port Road
Ellesmere Port
CH65 4LZ
United Kingdom





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Manufacturer: **Index Elektro B.V.**
Harregatplein 15
3214 VP
Zuidland
The Netherlands

Additional Manufacturing
location(s):

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 electrical apparatus 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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition:1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical 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:

GB/CML/ExTR15.0094/00

Quality Assessment Report:

GB/CML/QAR15.0011/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

This certificate covers the following luminaire types:

Z0871/2*-**W, Z0872/2*-**W, Z0873/2*-**W, Z0874/2*-**W, Z0873/1*-**W, Z0874/1*-**W

The luminaires have a cast aluminium alloy flameproof body and increased safety terminal box. There is a threaded flameproof bushing which allows for connections to be made between the two compartments.

The lamp housing is formed by die-casting moulding and has an epoxy resin powder coating on the surface. The lens is made of tempered glass and is sealed by a cemented joint. The junction box is located on the side of the lamp body, has built-in component approved cage wiring terminals (Ex e IIC Gb) which are easily accessible for wiring, and cable entries for fitting of suitable entry devices.

Refer to certificate Annex for full description and conditions of manufacture.

CONDITIONS OF CERTIFICATION: YES as shown below.

Refer to certificate Annex

Annex:

Annex IECEx CML 15.0090X Iss. 0.pdf