



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 KDB 15.0002X Issue No: 0 Certificate history:
Issue No. 0 (2015-05-22)

Status: **Current** Page 1 of 3

Date of Issue: **2015-05-22**

Applicant: **Remontowa Lighting Technologies S.A.**
ul. Sucha 25, 80-531 Gdańsk
Poland

Electrical Apparatus: **Explosion-proof luminaires type EXP 83-...**
Optional accessory:

Type of Protection: **increased safety "e"; protection by enclosure "t"**

Marking:
Ex d e mb IIC Gb
Ex t IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

dr inż. Michał Górny

Position:

Head of ExCB

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Główny Instytut Górnictwa, Kopalnia Doświadczalna "BARBARA"
(Central Mining Institute Experimental Mine "Barbara")
ul. Podleska 72
43-190 Mikołów
Poland





IECEX Certificate of Conformity

Certificate No: IECEx KDB 15.0002X Issue No: 0
Date of Issue: 2015-05-22 Page 2 of 3
Manufacturer: Remontowa Lighting Technologies S.A.
ul. Sucha 25, 80-531 Gdańsk
Poland

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 60079-18 : 2009 Edition:3	Explosive atmospheres Part 18: Equipment protection by encapsulation "m"
IEC 60079-31 : 2013 Edition:2	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:

[PL/KDB/ExTR15.0001/00](#)

Quality Assessment Report:

[PL/KDB/QAR15.0002/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Luminaries type EXP 83-... have fluorescent light sources 2x18 W or 2x36 W. Luminaries are made from metal housing with polycarbonate lampshade. They are made with following supply voltage variations: 110 V ÷ 127 V or 220 ÷ 250 V. Luminaries can be equipped with emergency variant (marking code – A3) and with built in autotest (marking code – AT).

Names of luminaires variation are as follow:

EXP 83-2180, EXP 83-2180/A3, EXP 83-2180/A3/AT,

EXP 83-2360, EXP 83-2360/A3, EXP 83-2360/A3/AT,

EXP 83-2182, EXP 83-2182/A3, EXP 83-2182/A3/AT,

EXP 83-2362, EXP 83-2362/A3, EXP 83-2362/A3/AT.

CONDITIONS OF CERTIFICATION: YES as shown below:

Warning plate should be placed at lampshade indicating the security measures to be applied during the operation to avoid the risk of electrostatic charges.

Annex:

[KDB_Attachment_CoC_15_0002X.pdf](#)

Data Sheet

Applicant: Remontowa Lighting Technologies S.A.
ul. Sucha 25, 80-531 Gdańsk, POLAND

Electrical Apparatus: Explosion-proof luminaires type EXP 83-...

Model Reference:

Luminaires type EXP 83-... have fluorescent light sources 2x18 W or 2x36 W. Luminaires are made from metal housing with polycarbonate lampshade. They are made with following supply voltage variations: 110 V ÷ 127 V or 220 ÷ 250 V. Luminaires can be equipped with emergency variant (marking code – A3) and with built in autotest (marking code – AT).

Technical parameters:

Variation	EXP 83-2180 EXP 83-2360	EXP 83-2182 EXP 83-2362
Rated voltage:	220÷250V; 0÷60Hz	110÷127V; 0÷60Hz
Light sources:	Fluorescent type LF ø26 2 x 18 W or 2 x 36 W	
Passing cable maximal current:	16A	
Ambient temperature:	-25°C do +50°C	
Degree of protection:	IP66 / IP67	