



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 EXV 17.0029X Issue No: 1

Status: **Current**

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Date of Issue: **05/11/2018**

Applicant: **Robustex Electric Production Drilling Equipment Ind. And Trade Co. Ltd.**
R. Tayyip Erdoğan Bulvarı No:17 - Malıköy/Temelli
Ankara,
Turkey

Equipment: **LED Luminaire Range: RB250 LED, RB150 LED, RB230 LED.**

Optional accessory:

Type of Protection: **eb mb op is tb**

Marking: Ex eb mb op is IIC T4 Gb

Ex tb IIIC T135 Db

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

S L Clarke

Position:

Certification Manager

*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:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom





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Manufacturer: **Robustex Electric Production Drilling Equipment Ind. And Trade Co. Ltd.**
R. Tayyip Erdoğan Bulvarı No:17 - Malıköy/Temelli
Ankara,
Turkey

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 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 : 2007-10 Explosive atmospheres - Part 0:Equipment - General requirements
Edition:5
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 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/EXV/ExTR18.0019/00](#)

Quality Assessment Report:

[GB/EXV/QAR16.0003/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The luminaire comprises of LED strip lights with a polycarbonate diffuser and polyester main body. The two parts are locked using a hinge and metal clip arrangement which require a tool to open. The LED control gear and LED strips are mounted internally on to metal mounting plates, these components have individual IECEx approval which is reflected in the luminaire markings.

Ratings are:

RB250 LED = 2 X 50W, RB150 LED = 1 X 50W, RB230 LED = 2 X 30W.

Rated Voltage: 220/240V

Frequency: 50/60Hz

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Electrostatic hazard please refer to the manufacturer's instructions.
2. Dust layers >5 mm are not permitted on surface of the enclosure.
3. The dielectric strength between conductors (positive and neutral) and earth shall be verified by a test. The test shall be performed in accordance with clause 6.1 of EN60079-7:2007.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The issue dated was incorrect.