



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 EPS 25.0020X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2025-05-26

Applicant: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

Equipment: **LED Linear Luminaire Type 6202/11.**

Optional accessory:

Type of Protection: **flameproof enclosures "d", increased safety "e", encapsulation "m", protection by enclosure "t"**

Marking: **Ex db eb mb IIC T4 Gb**
Ex tb IIIC T80°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Ulrich Feike

Position:

Head of Certification

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.
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Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

Manufacturing
locations: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

R. STAHL PRIVATE LIMITED
Plot No. 5, Malrosapuram Main Road
Sengundram Industrial Area
Singaperumal Koil
Chengalpattu District
Tamil Nadu - 603204
India

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 60079-18:2017 Explosive atmospheres - Part 18: Protection by encapsulation "m"
Edition:4.1

IEC 60079-31:2022 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

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 Report:

[DE/EPS/ExTR25.0019/00](#)

Quality Assessment Report:

[DE/BVS/QAR10.0002/20](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The LED linear luminaire type 6202/11. is an explosion-protected electrical equipment for use in Zone 1, Zone 2, Zone 21 and Zone 22. The linear light fitting consists of LED units in type of protection flame proof enclosure "db" and LED driver with type of protection encapsulation "mb" are inside an enclosure made of polyester, light-transmitting cover made of polycarbonate with type of protection increased safety "eb" and dust ignition protection by enclosure "tb". The luminaire is intended for illuminating business and storage premises in areas with potentially explosive gas and dust atmospheres requiring equipment protection level (EPL) Gb or Db.

Caption

Type	Size-2	Size-4
Nominal input power	24W	48W
Rated voltage AC	100 to 277V AC 50/60Hz	
Rated voltage DC	110 to 277V DC	
LEDs	Mid power LEDs	
LED module	24 LEDs per module connected in series	
Number of LED modules	1	2
Nominal LED current	300 mA	
Ambient temperature range	$-40\text{ }^{\circ}\text{C} \leq T_{amb} \leq +60\text{ }^{\circ}\text{C}^{(1)}$	
Temperature Class	T4	
Maximum surface temperature	T80 °C	

⁽¹⁾Through-wiring max. 3 x 10 A

SPECIFIC CONDITIONS OF USE: YES as shown below:

Electrostatic charge hazard can occur on plastic surfaces. Therefore the luminaire shall be cleaned only with damp cloth or installed in a way that electrostatic charge can not occur.

The LED driver has to be connected to an electrical power supply with a maximum prospective short-circuit current of 1500 A.