



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 17.0093** Page 1 of 4 [Certificate history:](#)
Issue 0 (2018-03-02)

Status: **Current** Issue No: 1

Date of Issue: 2019-11-28

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

Equipment: **Universal lighting fixture type 6050/6**_* **_* **_* *****_*****

Optional accessory:

Type of Protection: **db, tb, eb, op is**

Marking: Ex db eb op is IIC T4/T6 Gb
Ex tb op is IIIC T110°C/T80°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Holger Schaffer

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 www.iecex.com or use of this QR Code.



Certificate issued by:

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





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Certificate No.: **IECEX EPS 17.0093**

Page 2 of 4

Date of issue: 2019-11-28

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

Additional manufacturing locations: **R. STAHL Schaltgeräte GmbH**
Nordstraße 10
99427 Weimar
Germany

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 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-28:2015 Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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 Reports:

[DE/EPS/ExTR17.0094/00](#)

[DE/EPS/ExTR17.0094/01](#)

Quality Assessment Report:

[DE/BVS/QAR10.0002/15](#)



IECEx Certificate of Conformity

Certificate No.: **IECEx EPS 17.0093**

Page 3 of 4

Date of issue: 2019-11-28

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The universal lighting fitting type 6050/6 is a flameproof encapsulated electrical equipment with terminal box in type of protection "increased safety". It is used to illuminate operating and storage facilities in potentially explosive atmospheres with EPL Gb, and Db as well as Gc and Dc.

Illuminant: LED Module with max. Power: 80 W

Max. Rated Voltage: 110 V to 277 V

Ambient temperature range:

$-60\text{ }^{\circ}\text{C} \leq T_a \leq +70\text{ }^{\circ}\text{C}$ for Temperature class T4/T110°C

$-60\text{ }^{\circ}\text{C} \leq T_a \leq +60\text{ }^{\circ}\text{C}$ for Temperature class T6/T80°C

SPECIFIC CONDITIONS OF USE: NO



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Certificate No.: **IECEx EPS 17.0093**

Page 4 of 4

Date of issue: 2019-11-28

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Extension of voltage range