[1] EU-TYPE EXAMINATION CERTIFICATE - Translation

[2] Equipment or protective systems
intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU17ATEX1026 X** | Issue 3

[4] Product: **LED Emergency Light Fitting**
Type: e864...L.././.

[5] Manufacturer: Adolf Schuch GmbH, Lichttechnische Spezialfabrik

[6] Address: Mainzer Straße 172
67547 Worms
GERMANY

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IBExU Institut für Sicherheitstechnik GmbH, notified body number 0637 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report IB-25-3-0018.

[9] Compliance with the essential health and safety requirements has been assured by compliance with:
EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-5:2015, EN IEC 60079-7:2015/A1:2018, EN 60079-11:2012, EN 60079-18:2015/A1:2017 and EN 60079-31:2014
except in respect of those requirements listed at item [18] of the schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the specific conditions of use specified in the schedule to this certificate.

[11] This EU-type examination certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

Ⓔx II 2 G Ex db eb mb q IIC T4 Gb
Ⓔx II 2 D Ex tb IIIC T80 °C Db
$-30\ °C \leq T_{amb} \leq +60\ °C$ (maximum values)

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By order

Dr.-Ing. P. Cimalla

Zertifizierungsstelle Explosionsschutz IBExU Institut für Sicherheitstechnik GmbH Kenn-Nr. 0637
- Seal -
(notified body number 0637)

Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.

Freiberg, 2026-01-15

[13] **Schedule**

[14] **Certificate number IBExU17ATEX1026 X** | Issue 3

[15] **Description of product**
The LED Emergency Light Fitting of type e864...L.././. is a LED luminaire with emergency light function that is suitable for use in areas with potentially explosive gas and dust atmospheres which require equipment of category 2 G or 2 D. The luminaire consists of a polyester enclosure, an assembly plate / reflector with LED modules in encapsulation, LED emergency electronic and terminals and a light-transmitting cover made of polycarbonate as well as flameproof switches. Additionally, the luminaire is equipped with a replaceable battery pack for emergency light function. The battery pack is mounted in a separate enclosure that is attached to the side of the luminaire. The state of charge is indicated by a coloured LED. This LED is inside the enclosure and is carried out in type of protection encapsulation. It is casted with transparent compound in a metallic sleeve and can be screwed in the reflector. Optionally, the output current for supplying the LEDs may be set by means of a DALI-Interface.

Technical data:

Nominal input voltage:	220 V...240 V AC
Input power:	up to 50 W (typically)
Battery:	NiCd 6 V / 4 Ah or NiCd 6 V / 1.6 Ah NiMH 6 V / 4 Ah NiMH 6 V / 2.2 Ah
Through-wiring:	up to 12 x ≥ 2.5 mm² (max. 4 x 16 A)
ambient temperature range:	-30 °C...+60 °C

These values are maximum values. The actual values by the built-in components and electrical parameter. The manufacturer specifies the rated values in the contex of these limiting values and ensures compliance with the maximum surface temperature of the equipment and the permissible operating temperature of the components. Through-wiring, selection of the cable and cable gland may be restricted in some types of the luminaire.
Further details are specified in the operation manual as well as in the documents of the manufacturer which are part of the test report.

Variations compared to issue 2 of this certificate:

Variation 1
The use of alternative batteries has been assessed.

Variation 2
Further versions have been added.

Variation 3
The signal LED complies with the requirements of encapsulation.

Variation 4
The luminaire also complies with the requirements of IEC 60079-18, Ed. 5.

[16] **Test report**
The test results are recorded in the confidential test report IB-25-3-0018 of 2026-01-15.
The test documents are part of the test report and they are listed there.

Summary of the test results
The LED Emergency Light Fitting type e864...L.././. further fulfils the requirements of explosion protection for Equipment Group II, Category 2 G and 2 D, type of protection Increased safety „e" in combination with encapsulation "m", powder filling "q" and flameproof enclosure "d" as well as protection by enclosure "t".

[17] **Specific conditions of use**
The luminaire must be installed in a way that it is not exposed to any electrostatic charging mechanisms. Cleaning is permitted only with a damp cloth.

[18] **Essential health and safety requirements**
In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report:

- IEC 60079-18, Ed. 5
- IEC 60079-31, Ed. 3

[19] **Drawings and Documents**
The documents are listed in the test report.

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