



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 BAS 22.0027** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2022-12-12
Applicant: **Ledlenser GmbH & Co. KG**
Kronenstraße 5-7
Solingen D-42699
Germany
Equipment: **EXC6R, EXC7R, EXH6R**
Optional accessory:
Type of Protection: **Intrinsic Safety**
Marking: **The EXC6R and EXC7R models are marked:**
Ex ia IIC T4 Ga
Ex ib IIIC T135°C Db

The EXH6R is marked:
Ex ia I Ma
Ex ia IIC T4 Ga
Ex ib IIIC T135°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Mr R S Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:
(for printed version)

21/12/2022

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:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire, SK17 9RZ
United Kingdom





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Manufacturer: **Ledlenser GmbH & Co. KG**
Kronenstraße 5-7
Solingen D-42699
Germany

Manufacturing locations: **Ledlenser GmbH & Co. KG**
Kronenstraße 5-7
Solingen D-42699
Germany

Ledlenser Corporation Ltd.
No.25, Yudong 1 Road, Dongcheng
Town
Yangdong District, Yangjiang City,
Guang-Dong Province, 529931
China

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 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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:

[GB/BAS/ExTR19.0071/00](#)

Quality Assessment Report:

[DE/TUR/QAR17.0015/03](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The EXC6R and EXC7R are portable right-angle flashlights. The EXH6R is a portable headlamp. All are powered by a custom lithium ion based battery pack. They are suitable for use in Group IIC and IIIC areas and have Equipment Protection Levels of Ga and Db.

The EXH6R is also suitable for use in Group I areas and has Equipment Protection Level Ma.

The lamps have a charging socket rated $U_m = 6.75V$ for use only in safe areas.

The EXC6R and EXC7R models are marked:

Ex ia IIC T4 Ga
Ex ib IIIC T135°C Db

The EXH6R is marked:

Ex ia I Ma
Ex ia IIC T4 Ga
Ex ib IIIC T135°C Db

The equipment is considered out of scope of IEC 60079-28:2015.

SPECIFIC CONDITIONS OF USE: NO