



# 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](http://www.iecex.com)

Certificate No.: IECEx BAS 18.0008

Issue No: 0

Certificate history:

[Issue No. 0 \(2018-03-02\)](#)

Status: **Current**

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Date of Issue: **2018-03-02**

Applicant: **Ledlenser GmbH & Co. KG**  
Kronenstr. 5-7  
42699 Solingen  
**Germany**

Equipment: **EX4 Flashlight, EX7 Flashlight, EXH8 Headlamp**

*Optional accessory:*

Type of Protection: **Intrinsic safety, Inherently Safe Optical Radiation**

Marking:

**Ex ia op is IIC T4 Ga**

**Ex ia op is IIIC T135°C Da**

**Ta = -20°C to +40°C**

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

R S Sinclair

*Position:*

Technical 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](#).

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**  
Kronenstr. 5-7  
42699 Solingen  
**Germany**

Additional Manufacturing location(s):

**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 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:

<b>IEC 60079-0 : 2017</b> Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
<b>IEC 60079-11 : 2011</b> Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-28 : 2015</b> Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*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/BAS/ExTR17.0081/00](#)

Quality Assessment Report:

[DE/TUR/QAR17.0015/01](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The EX4 and EX7 are portable flashlights and the EXH8 is a portable headlamp that are all powered by primary cells.

The equipment is suitable for use in Group IIC and IIIC areas and has Equipment Protection Levels (EPL) of Ga and Da.

The EX4 is powered by two alkaline LR03 (AAA) cells. Only the following cell types are permitted:- Duracell OEM LR03, Duracell Plus Power LR03, Energizer LR03, and Varta LR03.

The EX7 and the EXH8 are powered by three LR6 (AA) cells. Only the following cell types are permitted:- Duracell Plus Power (coppertop) and Duracell OEM (coppertop).

**SPECIFIC CONDITIONS OF USE: NO**