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 TUR 18.0041X**

Certificate history:
Issue 1 (2021-07-01)
Issue 0 (2019-01-24)

Status: **Current**

Issue No: 2

Date of Issue: 2022-09-21

Applicant: **Fenixlight Limited**
2F/3F, West of Building A, Xinghong Technology Park
111 Shuiku Road, Fenghuanggang Community
Xixiang Street, Bao'an District
Shenzhen City, 518133 Guangdong
China

Equipment: **Flashlight, Model WF11E, WF11E-J**

Optional accessory:

Type of Protection: **Equipment protection by intrinsic safety "ia"**

Marking: Ex ia IIC T4 Ga
Ex ia IIIC T130°C Da IP66/IP67
(-20℃ ≤ Ta ≤ +40℃)

Approved for issue on behalf of the IECEx Certification Body: **Dipl.-Ing. Yang Wang**

Position: **Assigned Certifier**

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.
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:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany

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Manufacturer: **Fenixlight Limited**
2F/3F, West of Building A, Xinghong Technology Park
111 Shuiku Road, Fenghuanggang Community
Xixiang Street, Bao'an District
Shenzhen City, 518133 Guangdong
China

Manufacturing locations: **Fenixlight Limited**
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Xixiang Street, Bao'an District
Shenzhen City, 518133 Guangdong
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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

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 Reports:

DE/TUR/ExTR18.0041/00 DE/TUR/ExTR18.0041/01 DE/TUR/ExTR18.0041/02

Quality Assessment Report:

DE/TUR/QAR16.0025/02

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EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

The flashlight protection type is intrinsically safety, powered by 3 AA alkaline batteries. The flashlight has an plastic enclosure with degree of protection IP66/IP67.
This product can be used in Zone0, Zone 1 and Zone 2, where there is explosive gas mixture belongs IIA, IIB and IIC; and can be used in combustible dust areas: Zone20, Zone 21 and Zone 22.

Technical data:
Rated Input:4.5V
Ambient temperature: -20°C ~ +40°C

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Do not open the enclosure or replace the batteries when an explosive atmosphere may be present.
2. Use only Energizer E91, Duracell MN1500 or RAYOVAC 815 size AA 1.5V Alkaline Batteries.
3. The stated maximum surface temperature was determined without any dust layer.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)
A new model ‘WF11E-J’ is added, the new model uses different reflector, and the new model flashlight have lower optical irradiation. The new reflector cup is an internal part and does not depend on with the ingress protection of enclosure.