



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

Certificate No.: IECEx UL 14.0056X Issue No: 0 Certificate history:
Issue No. 0 (2014-08-29)

Status: **Current** Page 1 of 3

Date of Issue: **2014-08-29**

Applicant: **Daysun Technology Ltd**
1st Fl 1 Alley 2 Lane 110
Sec 4 Hsimen Rd
North District Tainan 704
Taiwan

Electrical Apparatus: **Intrinsically safe flashlight**
Optional accessory:

Type of Protection: **Intrinsic Safety "ib"**

Marking:
Ex ib IIC T4

-20°C to 40°C

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

Paul T. Kelly

Position:

Principal Engineer, Global Hazardous Locations

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

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





IECEX Certificate of Conformity

Certificate No: IECEx UL 14.0056X Issue No: 0
Date of Issue: 2014-08-29 Page 2 of 3
Manufacturer: **Daysun Technology Ltd**
1st Fl 1 Alley 2 Lane 110
Sec 4 Hsimen Rd
North District Tainan 704
Taiwan

Additional Manufacturing
location(s):

Guangzhou Dashin Optoelectronic & Jewelry Co., Ltd.

No. 7, 2 Road, Sandong Industrial Park
Sandong Village, Xinhua Town, Huadu District
Guangzhou City, Guangdong Province
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 electrical 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:

IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:5
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*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:

[US/UL/ExTR14.0088/00](#)

Quality Assessment Report:

[US/UL/QAR11.0004/02](#)



IECEx Certificate of Conformity

Certificate No: IECEx UL 14.0056X

Issue No: 0

Date of Issue: 2014-08-29

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Model Lite-Ex LED 60 is a portable, hand-held LED flashlight powered by four size 'AA', 1.5V, alkaline batteries connected in series. The following batteries were considered acceptable for use in the flashlight:

- Model 1502-0002 (Ansmann Industrial AA/LR6), manufactured by Ansmann
- Model Ultra+ E91, manufactured by Energizer
- Model MN1500, manufactured by Duracell
- Model 5015548 (Ansmann RED AA/LR6) , manufactured by Ansmann
- Model 4906, manufactured by Varta

CONDITIONS OF CERTIFICATION: YES as shown below:

- Read manual before use.
- Do not open the enclosure in a hazardous area.
- Replace batteries only in non-hazardous areas.
- Use only battery type Ansmann1502-0002 (Ansmann Industrial AA/LR6) , Energizer Ultra+ E91, Duracell MN1500, Ansmann 5015548 (Ansmann RED AA/LR6) or Varta 4906.
- Do not mix batteries from different manufacturers.
- Do not mix used batteries with new batteries.
- The screw shall be secured tightly after opening and closing the enclosure.