



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

Certificate No.: **IECEX CML 18.0199X** Page 1 of 4 [Certificate history:](#)  
Issue 0 (2019-01-16)

Status: **Current** Issue No: 1

Date of Issue: 2020-02-04

Applicant: **Wolf Safety Lamp Company Limited**  
Saxon Road Works  
Sheffield S8 0YA  
United Kingdom

Equipment: **Wolf Worklite Type WL-\*\***

Optional accessory:

Type of Protection: **Increased Safety "eb", Intrinsic Safety "ib", Encapsulation "mb", Dust Ignition "tb", Optical Radiation "op is"**

Marking: Ex eb ib mb op is IIC T4 Gb  
Ex tb op is IIIC T135°C Db  
IP64<sup>1</sup>/66/67  
T<sub>amb</sub>= -20°C to +40°C/+45°C<sup>2</sup>/+50°C<sup>3</sup>  
1 Not WL-50 or WL-50HT  
2 WL-50 Only  
3 WL-50HT Only

Approved for issue on behalf of the IECEX  
Certification Body:

**S. Roumbedakis**

Position:

**Technical Manager**

Signature:  
(for printed version)

Date:

2020-02-04

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](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Eurofins E&E CML Limited**  
Unit 1, Newport Business Park  
New Port Road  
Ellesmere Port, CH65 4LZ  
United Kingdom





# IECEX Certificate of Conformity

Certificate No.: **IECEX CML 18.0199X**

Page 2 of 4

Date of issue: 2020-02-04

Issue No: 1

Manufacturer: **Wolf Safety Lamp Company Limited**  
Saxon Road Works  
Sheffield S8 0YA  
**United Kingdom**

Additional  
manufacturing  
locations:

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

**IEC 60079-18:2017** Explosive atmospheres - Part 18: Protection by encapsulation "m"  
Edition:4.1

**IEC 60079-28:2015** Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  
Edition:2

**IEC 60079-31:2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

**IEC 60079-7:2017** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

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:

[GB/CML/ExTR18.0258/00](#)

[GB/CML/ExTR19.0226/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0017/09](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx CML 18.0199X**

Page 3 of 4

Date of issue: 2020-02-04

Issue No: 1

## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Wolf Worklite Type WL-\*\* is a portable battery powered luminaire for use in the hazardous area. It comprises a 12 V, sealed lead acid battery and encapsulated electronics, these are housed inside a stainless steel enclosure that is intended to provide an ingress protection to at least IP64/66/67. The enclosure comprises a welded frame, which secures a lamp head containing an array of LEDs that provide the light. The lamp housing can be swivelled to point the light in the desired direction. Also attached to the welded frame above the lamp housing is a carry handle made from stainless steel.

Refer to Annex for full description and Conditions of Manufacture.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

Refer to Annex for Specific Conditions of Use.



# IECEx Certificate of Conformity

Certificate No.: **IECEx CML 18.0199X**

Page 4 of 4

Date of issue: 2020-02-04

Issue No: 1

## **DETAILS OF CERTIFICATE CHANGES (for issues 1 and above) Issue 1**

This issue introduced the following changes:

1. Addition of the WL-50 model to the range. The WL-50 is a smaller sized enclosure with different driver encapsulation and battery options.
2. To allow for the option of using a protective bag with the WL-50 models.
3. To allow for the new driver encapsulants to be used with all models in the range.

### **Annex:**

[IECEx CML 18.0199X Iss. 1 Certificate Annex\\_1.pdf](#)