



# 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.:	<b>IECEx CML 20.0005</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 2	Issue 1 (2021-05-13) Issue 0 (2020-10-21)
Date of Issue:	2022-02-21		
Applicant:	<b>Chalmit Lighting (Hubbell Ltd)</b> 388 Hillington Road Glasgow G52 4BL United Kingdom		
Equipment:	<b>NexLED 3</b>		
Optional accessory:			
Type of Protection:	<b>Increased safety 'ec', Dust 'tc'</b>		
Marking:	Ex ec IIC T5 Gc Ex tc IIIC T67°C Dc  Non-emergency: Tamb = -40°C to +50°C  Emergency: Tamb = -20°C to +45°C  24V version (NL3C/01L/LE/24):  Ex ec IIC T6 Gc Ex tc IIIC T53°C Dc  Tamb = -15°C to +50°C		

Approved for issue on behalf of the IECEx  
Certification Body:

**A Snowden**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

2022-02-21

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





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Manufacturer: **Hubbell Ltd T/A Chalmit Lighting**  
388 Hillington Road  
Glasgow  
G52 4BL  
**United Kingdom**

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 60079-31:2013](#) 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/ExTR20.0006/00](#)

[GB/CML/ExTR21.0103/00](#)

[GB/CML/ExTR21.0103/01](#)

Quality Assessment Report:

[GB/BAS/QAR06.0027/09](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The NexLED 3 is an LED luminaire and comprises a metallic enclosure with glass window and single gasket. The device may optionally be supplied with a rechargeable battery as an emergency lighting version. Threaded entries are used for cable entry.

**Refer to Annex for complete description and conditions of manufacture.**

**SPECIFIC CONDITIONS OF USE: NO**



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

### Issue 1

This issue introduced the following modification:

i. To permit an additional 24V driver. The temperature class, assigned maximum surface temperature and ambient temperature range for this option are as detailed on the certificate.

### Issue 2

Certificate and drawings revised to correct model number only. Further details are shown in the supporting ExTR GB/CML/ExTR21.0103/01 (R14077A/01).

### Annex:

[IECEx CML 20.0005 Certificate Annex Iss\\_2.pdf](#)

**Annexe to:** IECEx CML 20.0005, Issue 2

**Applicant:** Chalmit Lighting (Hubbell Ltd)

**Apparatus:** NexLED 3

## Description

The NexLED 3 is an LED luminaire and comprises a metallic enclosure with glass window and single gasket. The device may optionally be supplied with a rechargeable battery as an emergency lighting version. Threaded entries are used for cable entry.

Ratings are as below:

Model	Power (W)	Voltage (V)
NL3C/01L/LE	10 Max.	120-277 50-60 Hz/127-300Vdc
NL3C/02L/LE	19 Max.	120-277 50-60 Hz/127-300Vdc
NL3C/04L/LE	31 Max	120-277 50-60 Hz/127-300Vdc
NL3C/01L/LE/24	6.5 Max	24Vdc
NL3C/01L/LE/EM/NM	4 Max	220-240V 50-60 Hz
NL3C/01L/LE/EM	11 Max	220-240V 50-60 Hz
NL3C/02L/LE/EM	20 Max	220-240V 50-60 Hz
NL3C/04L/LE/EM	32 Max	220-240V 50-60 Hz

## Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- Where the product incorporates certified parts or safety critical components, the manufacturer shall ensure that any changes to those parts or components do not affect the compliance of the certified product that is the subject of this certificate.
- Each piece of equipment shall be subjected to a dielectric strength test of 1,500 V r.m.s in accordance with IEC 60079-7 Clause 7.1.



Certificate Annex IECEx  
Version: 9.0 Approval: Approved

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### Specific Conditions of Use

None.

### Components covered by Ex Certificates issued to older editions of Standards

Certificate number	Standards (incl Ed)	Assessment result
IECEX PTB 04.0004U	IEC 60079-0 Ed 6	No applicable technical differences  Technical differences evaluated and found satisfactory. For detail see associated ExTRs.