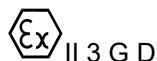




**Type Examination Certificate                      CML 20ATEX3047                      Issue 2**

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment            **NexLED 3**
- 3 Manufacturer        **Hubbell Ltd T/As Chalmit Lighting**
- 4 Address                388 Hillington Road  
                                  Glasgow  
                                  G52 4BL, UK
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 CML B.V., Chamber of Commerce No 6738671, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of Directive 2014/34/EU.  
The examination and test results are recorded in the confidential reports listed in Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Annex VIII apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:  
EN IEC 60079-0:2018                      EN 60079-7:2015 +A1:2018                      EN 60079-31:2014

10 The equipment shall be marked with the following:



None 24V versions:  
Ex ec IIC T5 Gc  
Ex tc IIIC T67°C Dc  
IP66/67

24V version (NL3C/01L/LE/24):  
Ex ec IIC T6 Gc  
Ex tc IIIC T53°C Dc  
IP66/67

Non-emergency:  
Ta = -40°C to +50°C

Ta = -15°C to +50°C

Emergency:  
Ta = -20°C to +45°C

*A Snowden*



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## 11 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

### Variation 1:

This variation 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.

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	21 Oct 2020	R12828A/00	Issue of prime certificate
1	13 May 2021	R14077A/00	Introduction of Variation 1
2	21 Feb 2022	R14077A/01	Report, certificate and drawings revised to correct model number only. Further details are shown in report R14077A/01.

Note: Drawings that describe the equipment or component are listed in the Annex.



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### **13 Conditions of Manufacture**

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

- i. 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.
- ii. Each piece of equipment shall be subjected to a dielectric strength test of 1500V r.m.s in accordance with EN 60079-7 Clause 7.1.

### **14 Specific Conditions of Use (Special Conditions)**

None.

## Certificate Annex

**Certificate Number** CML 20ATEX3047  
**Equipment** NexLED 3  
**Manufacturer** Hubbell Ltd T/As Chalmit Lighting



The following documents describe the equipment or component defined in this certificate:

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
H048000	1 to 2	0	20 Oct 2020	NexLED 3 Certification Drawing

### Issue 1

Drawing No.	Sheets	Rev	Approved /issued date	Title
H048000	1 of 2	1	13 May 2021	NexLED 3 Certification Drawing
H048000	2 of 2	1	13 May 2021	NexLED 3 Certification Drawing
H054371	1 of 1	0	13 May 2021	NexLED 3 NAMEPLATE

### Issue 2

Drawing No.	Sheets	Rev	Approved /issued date	Title
H048000	1 of 2	2	21 Feb 2022	NexLED 3 Certification Drawing
H048000	2 of 2	2	21 Feb 2022	NexLED 3 Certification Drawing
H054371	1 of 1	0	21 Feb 2022	NexLED 3 NAMEPLATE