

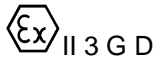


**Type Examination Certificate                      CML 20ATEX3047                      Issue 4**

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment            **NexLED 3**
- 3 Manufacturer        **Hubbell Limited t/a Hawke International; GAI-Tronics; Chalmit Lighting, Victor Lighting and Transtar**
- 4 Address                **Ashton Road  
Bredbury Park Industrial Estate  
Bredbury  
Stockport SK6 2QN**
- 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 67386717, 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 T\* Gc  
Ex tc IIIC T\*\*°C Dc  
IP66/67

Non-emergency:  
Ta = -40°C to +\*\*°C

Emergency:  
Ta = -20°C to +45°C

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

IP66/67  
Ta = -15°C to +50°C



CML 20ATEX3047  
Issue 4

## 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)	T* Class at 45°C	T* Class at 50°C	T* Class at 55°C
NL3C/**L/LE	10 Max.	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T5 T73°C
NL3C/**L/LE	19 Max.	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T5 T73°C
NL3C/**L/LE	31 Max	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T5 T73°C
NL3C/**L/LE	32 Max	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T5 T73°C
NL3C/**/LE/OD	10 Max.	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T4 T73°C
NL3C/**/LE/OD	19 Max.	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T4 T73°C
NL3C/**/LE/OD	31 Max	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T4 T73°C
NL3C/**/LE/OD	32 Max	120-277 50-60 Hz 127-300Vdc	T5 T67°C	T5 T67°C	T4 T73°C
NL3C/01L/LE/EM	11 Max	220-240V 50-60 Hz	T5 T67°C	N/A	N/A
NL3C/02L/LE/EM	20 Max	220-240V 50-60 Hz	T5 T67°C	N/A	N/A
NL3C/04L/LE/EM	32 Max	220-240V 50-60 Hz	T5 T67°C	N/A	N/A
NL3C/**/LE/24V	6.5 Max	24 Vdc	T6 T53°C	T6 T53°C	N/A

### 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.

### Variation 2:

This variation introduced the following modifications:

- i. Permitting the use of a higher power driver into the non-EM versions.
- ii. Change of T class options for different models
- iii. Removal of condition of manufacture from certificate

### Variation 3:

This variation introduced the following modification:

- i. To recognize a change to the applicant's and manufacturer's name and address.



CML 20ATEX3047  
Issue 4

## 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.
3	22 Sep 2022	R14589A/00	Introduction of Variation 2
4	24 Apr 2024	R14791A/00	Introduction of Variation 3

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

## 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 of the product defined on this certificate shall continually monitor these parts/components for any modifications introduced by the manufacturer(s) of these constituent parts. If the manufacturer of any constituent part introduces any changes which affect the compliance of the certified product that is the subject of this certificate, the manufacturer is required to have this certificate updated.

## 14 Specific Conditions of Use (Special Conditions)

None.

## Certificate Annex

**Certificate Number** CML 20ATEX3047  
**Equipment** NexLED 3  
**Manufacturer** Hubbell Limited t/a Hawke International; GAI-Tronics;  
Chalmit Lighting, Victor Lighting and Transtar



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 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 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

### Issue 3

Drawing No	Sheets	Rev	Approved date	Title
H054371	1 of 1	1	22 Sep 2022	NexLED 3 NAMEPLATE
H048000	1 to 2	3	22 Sep 2022	NexLED 3 Certification Drawing

### Issue 4

None.