

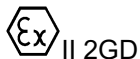


EU Type Examination Certificate CML 16ATEX3335X Issue 2

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Curie LED Luminaire**
- 3 Manufacturer **Hubbell Ltd
T/As Chalmit Lighting**
- 4 Address **388 Hillington Road,
Glasgow, G52 4BL,
United Kingdom**
- 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, Hoogoorddreef 15, Amsterdam, 1101 BA, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 to the Directive.
- 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 EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 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 60079-0:2012+A11:2013 EN 60079-1:2014 EN 60079-5:2015
EN 60079-7:2015 EN 60079-18:2015 EN 60079-28:2015
EN 60079-31:2014

- 10 The equipment shall be marked with the following:



II 2GD

Ex eb mb op is q IIC T4 Gb

Ex db eb mb op is q IIC T4 Gb

Ex tb IIIC T95°C Db IP65

Ta= -20°C to +55°C (Uninsulated)

Ta= -20°C to +45°C (Insulated)



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11 Description

The Curie LED Luminaire comprises 6 LED strips that are encapsulated, a powder filled driver, a flameproof switch (when fitted) and are all component approved. There is also an optional battery pack for emergency use. The parts are all contained within an increased safety enclosure. The increased safety enclosure is manufactured from steel and has a polycarbonate diffuser. It is intended to be ceiling mounted and entry is via plain holes using appropriately approved glands.

There are 4 variants as per the table below:

Model No	Supply voltage	Emergency duration
CUEE/03L/LE	220-254 Vac 50/60 Hz	--
CUEE/03L/LE/EM	220-254 Vac 50/60 Hz	90 MINS MIN @ 3.25 A or 3 HRS MIN @ 1.75 A
CUEE/03L/LE/120	110-130 Vac 50/60 Hz	90 MINS MIN @ 3.25 A or 3 HRS MIN @ 1.75 A
CUEE/03L/LE/EM/120	110-130 Vac 50/60 Hz	--

Variation 1

This variation introduced the following modifications:

- i. To permit the addition of an optional, secondary stainless-steel cover.

Variation 2

This variation introduced the following modifications:

- i. The transfer of the certificate from CML UK to CML B.V.
- ii. Minor changes to the descriptions for clarity.
- iii. The change of company name.

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	28 Mar 2017	R1423A/00	Issue of Prime Certificate
1	22 Sep 2017	R11369A/00	Introduction of Variation 1
2	10 Apr 2019	R12332A/00	Introduction of Variation 2

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 luminaire shall be subjected to a dielectric strength test as per EN 60079-7 clause 7.1 of 1,500V r.m.s.

14 Special Conditions for Safe Use (Conditions of Certification)

The following conditions relate to safe installation and/or use of the equipment.

- i. Connections to the terminals must not be made if the ambient temperature exceeds -10°C to +80°C.
- ii. The Ex q driver is sealed and must not be opened without returning it to the manufacturer.

Certificate Annex

Certificate Number CML 16ATEX3335X
Equipment Curie LED Luminaire
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
H036847	1 to 4	0	28 Mar 2017	Curie LED certification drawing

Issue 1

Drawing No	Sheets	Rev	Approved date	Title
H040819	1 of 1	-	22 Sep 2017	CURIE MODULAR SPRING T 18 W COVER ASSEMBLY

Issue 2

None.