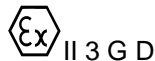


Type Examination Certificate CML 21UKEX3501X Issue 1**United Kingdom Conformity Assessment**

- 1 Product or Protective System Intended for use in Potentially Explosive Atmospheres UKSI 2016:1107 (as amended)
- 2 Equipment **Sterling II & III LED Luminaires**
- 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 Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port, CH65 4LZ, United Kingdom, 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 Schedule 1 of the Regulations.
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 specific conditions of 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. Further requirements of the Regulations apply to the manufacturing process and supply of the product. These are not covered by this certificate.
- 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 IEC 60079-7:2015+A11:2018 EN 60079-31:2014

- 10 The equipment shall be marked with the following:



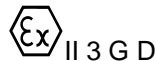
(ST2N)

Ex ec IIC T4 Gc

Ex tc IIIC T66°C Dc IP64

Ex tc IIIC T68°C Dc IP64*

Ta = -20°C to +45°C



(ST3N)

Ex ec IIC T4 Gc

Ex tc IIIC T76°C Dc IP64

Ta = -20°C to +40/45°C/+50°C/+55°C

*Emergency version only





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11 Description

The Sterling II & III LED are surface mounting luminaires that is constructed from a GRP or stainless-steel body and polycarbonate diffuser that house LEDs and an LED driver. There is also an option for a dimmable driver, surge protector and an emergency version (EM) that includes a battery pack, a diffuser, an alternate driver that handles the battery management and a status LED. There is also an option for a health monitoring system

Model	Lumens	Dimensions	Ambient
ST2N/03/LE/	3000	702 x 172 x 112 mm	-20°C to +45°C
ST2N/06L/LE/	6000	1312 x 172 x 112 mm	-20°C to +45°C
ST2N/09L/LE/	9000	1312 x 172 x 112 mm	-20°C to +45°C
ST2N/03/LE/EM	3000	702 x 172 x 112 mm	-20°C to +45°C
ST2N/06L/LE/EM	6000	1312 x 172 x 112 mm	-20°C to +45°C
ST2N/09L/LE/EM	9000	1312 x 172 x 112 mm	-20°C to +45°C
ST3N/03L/LE/	3000	702 x 172 x 112 mm	-20°C to +55°C
ST3N/06L/LE/	6000	1312 x 172 x 112 mm	-20°C to +50°C
ST3N/09L/LE/	9000	1312 x 172 x 112 mm	-20°C to +45°C
ST3N/03/LE/EM	3000	702 x 172 x 112 mm	-20°C to +45°C
ST3N/06L/LE/EM	6000	1312 x 172 x 112 mm	-20°C to +45°C
ST3N/09L/LE/EM	9000	1312 x 172 x 112 mm	-20°C to +45°C
ST3N/03/LE/JSVS	3000	702 x 172 x 112 mm	-15°C to +45°C
ST3N/06L/LE/JSVS	6000	1312 x 172 x 112 mm	-15°C to +45°C
ST3N/09L/LE/JSVS	9000	1312 x 172 x 112 mm	-15°C to +40°C
ST3N/03/LE/JSVT	3000	702 x 172 x 112 mm	-15°C to +45°C
ST3N/06L/LE/JSVT	6000	1312 x 172 x 112 mm	-15°C to +45°C
ST3N/09L/LE/JSVT	9000	1312 x 172 x 112 mm	-15°C to +40°C

Variation 1

This variation introduced the following modification:

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

12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	25 June 2021	R14157F/00	Issue of Prime Certificate.
1	18 Apr 2024	R17491A/00	Issue of Variation 1

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



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Issue 1

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.
- ii. Each unit manufactured shall be subjected to an electric strength test in accordance with IEC/EN 60079-7 clause 7.1 of 1,500 Vac.

14 Specific Conditions of Use

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

- i. The luminaires shall only be installed where there is a low risk of mechanical damage.
- ii. When refitting the diffuser, the fixing clamps shall be re-secured with the original or replacement self-tapping screws.
- iii. Fasteners through the enclosure used for mounting purpose shall be fitted with appropriate sealing washers to maintain the ingress protection rating of the enclosure.
- iv. The optional surge protector when fitted to the Sterling II LED Luminaire, negates the dielectric strength test of IEC/EN 60079-7 clause 7.1, this shall be considered during installation.
- v. Connections to the terminals must not be made if the ambient temperature exceeds -10°C to +80°C.

Certificate Annex

Certificate Number CML 21UKEX3501X
Equipment Sterling II & III LED Luminaires
Manufacturer Hubbell Limited t/a Hawke International; GAI-Tronics;
Chalmit Lighting, Victor Lighting and Transtar



The following documents describe the equipment defined in this certificate:

Issue 0

Drawing No	Sheets	Rev	Approved date	Title
H054692	1 of 1	0	25 June 2021	Certified Sterling III Led Nameplate

Issue 1

None.