




## CERTIFICATE OF COMPLIANCE

| This certificate of compliance validates the following               |   |                            |   |
|--|---|----------------------------|---|
| <b>TEST REPORT NUMBER</b><br>'Assessment Reports' are not acceptable | 2236555.50  | <b>CERTIFICATE NUMBER</b>  | 2236555.01-UAE<br>Refers to ENEC certificate 71-109919                          |
| <b>DATE OF ISSUE</b>   | 12 September 2019   | <b>DATE OF ISSUE</b>       | 12 September 2019   |
| <b>DATE OF EXPIRY</b>  | By expiration of the standard(s)  | <b>DATE OF EXPIRY</b>      | 12 September 2021   |
| Manufacturer details   |   |                            |   |
| <b>NAME OF MANUFACTURER</b>  | Cooper Securite SAS   | <b>NAME OF THE BRAND</b>   | LUMINOX   |
| <b>NAME OF FACTORY</b><br>(STREET / TOWN / CITY / COUNTRY)           | SC Cooper Industries<br>Romania S.R.L.<br>Str. III, Nr. 12<br>Zona Industriala Vest<br>310510 Arad<br>Romania | <b>MODEL / NO</b>          | BeamLite II and<br>BeamTech series<br><br>See appendix 1 for full model details |
| <b>WEBSITE</b>   | <a href="http://www.eaton.com">www.eaton.com</a><br><a href="http://www.cooper-ls.com">www.cooper-ls.com</a>  | <b>LOGO ON THE PRODUCT</b> |   |
| <b>TEL</b>   | +971 4 8066100  | <b>EMAIL</b>               | Eaton<br>MiddleEnquiries@Eaton.com  |



| Product Details From Test Report   |   | Reference<br>Test<br>Report<br>page NO |
|--|---|--|
| <b>DESCRIPTION OF THE PRODUCT</b><br>(TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC) | Self-contained non-maintained emergency luminaires with LED light source.<br>Suitable for Ceiling and wall mounting.  | 2                                      |
| <b>TEST STANDARD</b><br>(SUCH AS ASTM/BS EN/ DN ETC)   | EN 60598-1:2015 +AC2015 +AC2016 + A1:2018<br>EN 60598-2-22: 2014 + AC: 2015 + AC: 2016-05 + AC:2016-09<br>Title : Luminaires – General and Particular requirements – Luminaires for emergency lighting<br>Specifies requirements for emergency lighting luminaires, such as electrical safety, electrical insulation, proper earthing, emergency lighting performance, duration, ingress protection ratings, mechanical strength, correct labeling, operating manual, flammability of material used (Glow-wire test).   | 1, 4                                   |
|  | Product tests were done at the facilities of:<br><br>The following tests were part of the certification process:<br>- Classification<br>- Product Marking<br>- Construction<br>- Creepage distances and clearances<br>- Provision for earthing<br>- Screw terminals<br>- Screwless terminals and electrical connections<br>- External and internal wiring<br>- Protection against electric shock<br>- Endurance test and thermal test<br>- Resistance to dust and moisture<br>- Isolation Resistance and electrical strength<br>- Resistance to heat and fire tracking<br>- Photometric data<br>- Changeover operation<br>- High Temperature operation<br>- Battery charger for self-contained emergency luminaires<br>- Test devices for emergency operation<br>- Annexes (A through E and 1 to 5)<br>- Appendix 1 – LED module examination<br>- Appendix 2 – Control gear examination<br>- Appendix 3 – Pictures | 13-99                                  |
| <b>TEST DESCRIPTION</b>  |   |  |



|   |   |          |
|---|---|----------|
| <p><b>SPECIFICATION OF TEST SPECIMEN</b></p>  | <p>The complete above mentioned tests have been carried out on all models considered as representatives of the listed models. The differences among the models in the series consist of minor differences in dimensions, lumen output, duration and mounting options (see Appendix 1 for overview).</p> <p>The differences among the models in the series consist of minor differences in dimensions, lumen output, and mounting options.</p>   |          |
| <p><b>TEST RESULT</b><br/>(SUCH AS PASSED CRITERIA ___/<br/>COMPLIED TO ___/<br/>DURATION ___/OBSERVATION ___/ETC)</p>  | <p>All applicable clauses as mentioned in the Test Report have passed the test.</p>   | <p>3</p> |
| <p><b>PRODUCT APPLICATION GUIDELINE (END USE)</b><br/>(CLEARLY STATE THE END USE WITH SPECIFIC APPLICATION, SUCH AS EXACT FIRE RATING/TO BE INSTALLED IN ___/TO BE INSTALLED AT ___/TO BE CONNECTED WITH ___/TO BE INSTALLED WITH ___ ETC ALONG WITH ANY WARNINGS SUCH AS NOT TO BE USED IN ___/NOT TO BE INSTALLED AT ___/ NOT TO BE INSTALLED WITH ___ ETC.</p> | <p>Emergency luminaires enables safe escape from a location in the event of failure of the normal mains supply<br/>Emergency luminaires are provided for emergency escape for public and industrial premises and buildings.</p> <p>Embedded batteries confer to the self-contained luminaire 3 hours duration in case of mains failure.</p> <p>CGL versions of BeamLite II (BL2xx) or BeamTech (BTxx) luminaires are compatible with the monitoring systems CGL+ Web controller (40071777962/1184), CGL+ Touchscreen controller (40071777959/960/961) and AE CGLine+ Systems (40071777965/966/967/968).</p> |          |



| Laboratory and Certification body details  |   |  |   |
|--|---|--|---|
| <b>NAME OF CERTIFICATION BODY</b>  | DEKRA Certification B.V.<br>                      | <b>NAME OF TEST FACILITY</b>   | DEKRA Certification B.V.                          |
| <b>CERTIFICATION BODY ADDRESS / REGION</b><br><small>(STREET / TOWN / CITY / COUNTRY)</small>  | Meander 1051<br>6825 MJ Arnhem<br>The Netherlands | <b>TEST FACILITY ADDRESS / REGION</b><br><small>(STREET / TOWN / CITY / COUNTRY)</small>   | Meander 1051<br>6825 MJ Arnhem<br>The Netherlands |
| <b>WEBSITE</b>   | www.dekra-certification.com                       | <b>WEBSITE</b>   | www.dekra-certification.com                       |
| <b>TEL</b>   | +31 (0)88 968 3000                                | <b>TEL</b>   | +31 88 96 83000                                   |
| <b>EMAIL</b>   | lighting@dekra.com                                | <b>EMAIL</b>   | lighting@dekra.com                                |
| <b>ACCREDITED BY</b><br><small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small> | Dutch Accreditation Council RVA<br>www.rva.nl     | <b>ACCREDITED BY</b><br><small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small> | Dutch Accreditation Council RVA<br>www.rva.nl     |
| <b>AS PER</b><br><small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>  | ISO/IEC 17025                                     | <b>AS PER</b><br><small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>   | ISO/IEC 17065<br>ISO/IEC 17025                    |
| <b>VALIDITY</b><br><small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>  | 30 November 2020                                  | <b>VALIDITY</b><br><small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>  | 1 May 2022<br>30 November 2020                    |
| <b>REFERENCE NUMBER:</b><br><small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>         | C001  | <b>REFERENCE NUMBER:</b><br><small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>     | C001<br>L022                                      |
| <b>CERTIFICATION MARK</b>  |   |  |   |



| (ENDORSEMENT) TO BE SIGNED BY MANUFACTURER   |                            |                       |  |
|--|----------------------------|-----------------------|--|
| NAME OF MANUFACTURER'S SIGNATORY   | Geraud Pellissier          | SIGNATURE             |  |
| EMAIL / TEL  | GeraudPellissier@eaton.com | FACTORY OFFICIAL SEAL | <br>COOPER Safety<br>COOPER SECURITE SAS<br>SIRET 334 438 827 00035<br>PEE II - Rue Beethoven<br>63204 RIOM Cedex<br>Tél. 04 73 67 40 00 |
| NOTES: I Undertake that all data and information provided are genuine and accurate |                            |                       |  |

| (ENDORSEMENT) TO BE SIGNED BY CERTIFICATION BODY                                   |  |                                  |  |
|--|--|----------------------------------|--|
| NAME OF CERTIFICATION BODY SIGNATORY   | B.T.M. Holtus                            | SIGNATURE                        |  |
| EMAIL / TEL  | lighting@dekra.com<br>+31 (0)88 968 3000 | CERTIFICATION BODY OFFICIAL SEAL |  |
| NOTES: I Undertake that all data and information provided are genuine and accurate |  |                                  |  |

- COPY OF 'CERTIFICATE OF COMPLIANCE' ISSUED BY CERTIFICATION BODY (OLD OR NEW)
- APPENDIX 1 – FULL LIST OF MODELS



## APPENDIX 1: List of models

### Self Contained non-maintained emergency Luminaires

| Models        | Supply Voltage | Hz    | Battery                      | Ambient temperature | IP degree<br>IK degree | Emergency duration<br>Lumen output | Type installation      |
|---------------|----------------|-------|------------------------------|---------------------|------------------------|------------------------------------|------------------------|
| BT1SD-B3CGL-L | 220-240 Vac    | 50/60 | 3,6V/4Ah<br>(3D NiCd)        | 5...40 °C           | IP65<br>IK07           | 180 minutes<br>1 x 250 lm          | Ceiling /wall<br>mount |
| BT1SL-D3CGL-L | 220-240 Vac    | 50/60 | 6,4V/3,2Ah<br>(2xLiFePO4)    | 5...50 °C           | IP65<br>IK07           | 180 minutes<br>1 x 500 lm          | Ceiling /wall<br>mount |
| BT2SL-D3CGL-L | 220-240 Vac    | 50/60 | 6,4V/3,2Ah<br>(2xLiFePO4)    | 5...50 °C           | IP65<br>IK07           | 180 minutes<br>2 x 250 lm          | Ceiling /wall<br>mount |
| BT2LL-D3-L    | 220-240 Vac    | 50/60 | 6,4V/3,2Ah<br>(2xLiFePO4)    | 5...50 °C           | IP65<br>IK07           | 180 minutes<br>2 x 250 lm          | Ceiling /wall<br>mount |
| BT2LL-D3CGL-L | 220-240 Vac    | 50/60 | 6,4V/3,2Ah<br>(2xLiFePO4)    | 5...50 °C           | IP65<br>IK07           | 180 minutes<br>2 x 250 lm          | Ceiling /wall<br>mount |
| BT2LL-F3-L    | 220-240 Vac    | 50/60 | 2x 6,4V/3,2Ah<br>(2xLiFePO4) | 5...50 °C           | IP65<br>IK07           | 180 minutes<br>2 x 500 lm          | Ceiling /wall<br>mount |
| BT2LL-F3CGL-L | 220-240 Vac    | 50/60 | 2x 6,4V/3,2Ah<br>(2xLiFePO4) | 5...50 °C           | IP65<br>IK07           | 180 minutes<br>2 x 500 lm          | Ceiling /wall<br>mount |
| BT2LL-F3DL-L  | 220-240 Vac    | 50/60 | 2x 6,4V/3,2Ah<br>(2xLiFePO4) | 5...50 °C           | IP65<br>IK07           | 180 minutes<br>2 x 500 lm          | Ceiling /wall<br>mount |
| BL2MC-A3CGL-L | 220-240 Vac    | 50/60 | 4,8V/1,7Ah<br>(4D NiCd)      | 5...40 °C           | IP65<br>IK07           | 180 minutes<br>2 x 100 lm          | Ceiling /wall<br>mount |
| BL2MD-C3-AT-L | 220-240 Vac    | 50/60 | 7,2V/4Ah<br>(6D NiCd)        | 5...40 °C           | IP65<br>IK07           | 180 minutes<br>2 x 200 lm          | Ceiling /wall<br>mount |
| BL2MD-C3CGL-L | 220-240 Vac    | 50/60 | 7,2V/4Ah<br>(6D NiCd)        | 5...40 °C           | IP65<br>IK07           | 180 minutes<br>2 x 200 lm          | Ceiling /wall<br>mount |
| BL2MD-C3DL-L  | 220-240 Vac    | 50/60 | 7,2V/4Ah<br>(6D NiCd)        | 5...40 °C           | IP65<br>IK07           | 180 minutes<br>2 x 200 lm          | Ceiling /wall<br>mount |
| BL2MD-E3CGL-L | 220-240 Vac    | 50/60 | 7,2V/4Ah<br>(6D NiCd)        | 5...40 °C           | IP65<br>IK07           | 180 minutes<br>2 x 400 lm          | Ceiling /wall<br>mount |

End of certificate