



CERTIFICATE OF COMPLIANCE

| This certificate of compliance validates the following | | | |
|--|--|----------------------------|--|
| TEST REPORTS NUMBER <small>'Assessment Reports' are not acceptable</small> | 1- 3421895.50 2- 3421896.50 3- 3421897.50 4- 3421899.50 5- 3421900.50 6- 3422077.50 | CERTIFICATE NUMBER | 2258782.01-UAE refers to ENEC-Certificate: 1- 88-119736 2- 88-119903 3- 88-119823 4- 88-119977 5- 88-119999 6- 88-119951 |
| DATE OF ISSUE | 1- 02. July 2021 2- 16. July 2021 3- 08. July 2021 4- 20. July 2021 5- 21. July 2021 6- 16. July 2021 | DATE OF ISSUE | 27-07-2021 |
| DATE OF EXPIRY | By expiration of the standard(s) | DATE OF EXPIRY | 27-07-2023 |
| Manufacturer details | | | |
| NAME OF FACTORY/ MANUFACTURER | EATON; CEAG Notlichtsysteme GmbH | NAME OF THE BRAND | CEAG |
| FACTORY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small> | Sen.-Schwartz-Ring 26 D 59494 Soest GERMANY | MODEL / NO | 1- 7X0X1 LED CG-S 2- GuideLed FSL CG-S 3- Brillant LED CG-S 4- 46011 LED CG-S 5- Exit Cube LED CG-S 6- SpiritLed CG-S See appendix 1 for model details |
| WEBSITE | www.eaton.com | LOGO ON THE PRODUCT | |
| TEL | +49 2921 69 0 | EMAIL | Info-n@ceag.de |



| Product Details From Test Report | | Reference Test Report page NO |
|--|---|--|
| DESCRIPTION OF THE PRODUCT (TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC) | Emergency lighting luminaires & Exit signage for central battery system with LEDs light source, 220-240Vac 50/60Hz or 176-275Vdc. | 2,7 |
| TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC) | IEC60598-1: 2014 + AMD1:2017 (representative for EN 60598-1:20015 + A1:2018) IEC 60598-2-22:2014 + AMD1:2017 (representative for EN 60598-2-22:20014 + A1:2020) Title: Particular requirements – Luminaires for emergency lighting Scope: The International product standard IEC/EN60598-2-22 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 |
| TEST DESCRIPTION | Product test were done at the facilities of: The following tests were part of the certification process: -Classification -Product Marking -Construction -Creepage distance and clearance -Screw less terminals and electrical connections -External and internal wiring -Protection against electric shock -Resistance to dust and moisture -Isolation Resistance and electrical strength -Resistance to heat and fire tracking -Photometric data -High Temperature operation -Attachment - LED driver examination (EN 61347-2-13) -Attachment - LED module examination (EN 62031) | |
| SPECIFICATION OF TEST SPECIMEN | The complete above mentioned tests have been carried out on models considered as representative of the listed models. (see appendix 1) The differences among the models in the series consist of minor differences in dimensions, lumen output, and mounting options. | |
| TEST RESULT (SUCH AS PASSED CRITERIA ___/ COMPLIED TO ___/ DURATION ___/ OBSERVATION ___/ETC) | All applicable clauses as mentioned in the Test Report have passed the test. | |



| | | |
|---|---|--|
| <p>PRODUCT APPLICATION GUIDELINE (END USE) (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. Emergency luminaires are provided for emergency escape lighting for public and industrial premises and buildings.</p> <p>These luminaires are for fixed mounting and installation, which can be ceiling, recessed, wall or suspended mounting. For these different mounting options several accessories are available. Centrally supplied luminaires are connected to a central battery system for a minimum of 3 hours duration in case of mains failure.</p> <p>Compatibility with central battery system: The emergency luminaires with CG-S communication are compatible with: EATON CEAG ZB-S... /US-S... UAE certificate of conformity : 2238303.01-UAE EATON CEAG LP-STAR range UAE certificate of conformity : 2235866.01-UAE EATON CEAG DG-S... / DG-S US ... UAE certificate of conformity : 2254858.02-UAE</p> <p>This conformity of compatibility is valid as well for the successor documents of the above mentioned CoC if this is mentioned in the successor document.</p> | |
|---|---|--|



| Laboratory and Certification body details | | | |
|--|---|--|---|
| NAME OF CERTIFICATION BODY | DEKRA Certification B.V. | NAME OF TEST FACILITY | DEKRA Testing and Certification GmbH |
| CERTIFICATION BODY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small> | Meander 1051 6825 MJ Arnhem The Netherlands | TEST FACILITY ADDRESS / REGION <small>(STREET / TOWN / CITY / COUNTRY)</small> | Enderstrasse 92b 01277 Dresden Germany |
| WEBSITE | www.dekra-certification.com | WEBSITE | www.dekra-certification.com |
| TEL | +31 88 96 83000 | TEL | +31 88 96 83000 |
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| ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small> | Dutch Accreditation Council RVA www.rva.nl | ACCREDITED BY <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small> | Dutch Accreditation Council RVA www.rva.nl |
| AS PER <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small> | ISO/IEC 17025 | AS PER <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small> | ISO/IEC 17065 ISO/IEC 17025 |
| VALIDITY <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small> | 1 May 2022 | VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small> | 1 May 2022 |
| REFERENCE NUMBER: <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small> | C001 | REFERENCE NUMBER: <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small> | C001 L022 |
| CERTIFICATION MARK | | | |



| (ENDORSEMENT) TO BE SIGNED BY MANUFACTURER | | | |
|--|---|-----------------------|--|
| NAME OF MANUFACTURER'S SIGNATORY | Gerhard Rotgeri | SIGNATURE | |
| EMAIL / TEL | gerhardrotgeri@eaton.com +49 2921 69 231 | FACTORY OFFICIAL SEAL | CEAG Notlichtsysteme GmbH Senator-Schwartz-Ring 26 59494 Soest |
| 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 | |
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| NOTES: I Undertake that all data and information provided are genuine and accurate | | | |

APPENDIX 1 – FULL LIST OF MODELS



APPENDIX 1: List of models

1. 7X0X1 LED CG-S

| Model | Description /Application | Voltage Supply | Lumen output | Hz | Duration | Type of operation | Compatible with central battery system UAE-certificate # | IP rating |
|----------------------------------|---|----------------------------|--------------|-------|----------|-------------------|--|-----------|
| 70011 LED CG-S 70021 LED CG-S | Escape sign luminaire made of slim aluminum profile, anodized, with silk-screened pictogram cover , 20 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 40 |
| 71011 LED CG-S 71021 LED CG-S | Escape sign luminaire made of slim aluminum profile, anodized, with silk-screened pictogram cover , 32 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 40 |

2. GuideLed FSL CG-S

| Model | Description /Application | Voltage Supply | Lumen output | Hz | Duration | Type of operation | Compatible with central battery system UAE-certificate # | IP rating |
|--|--|----------------------------|-----------------|-------|----------|-------------------|--|-----------|
| GuideLed FSL 10011 CG-S | Safety luminaire with LED technology for surface mounting with flat LED panel | 220-240 Vac 176-275 Vdc | 220lm /240lm | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 40 |
| GuideLed FSL 10012 CG-S GuideLed FSL 10013 CG-S | Safety luminaire with LED technology for recessed mounting with flat LED panel | 220-240 Vac 176-275 Vdc | 220lm /240lm | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 40 |



3. Brilliant LED CG-S

| Model | Description /Application | Voltage Supply | Lumen output | Hz | Duration | Type of operation | Compatible with central battery system UAE-certificate # | IP rating |
|---------------|--|----------------------------|--------------|-------|----------|-------------------|--|-----------|
| 1503 LED CG-S | Escape sign panel luminaire with LED technology 20 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |
| 1504 LED CG-S | Escape sign panel luminaire with LED technology 28 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |
| 1603 LED CG-S | Escape sign panel luminaire with LED technology 20 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |
| 1604 LED CG-S | Escape sign panel luminaire with LED technology 28 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |
| 1703 LED CG-S | Escape sign panel luminaire with LED technology 20 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |
| 1704 LED CG-S | Escape sign panel luminaire with LED technology 28 meters | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |
| 1803 LED CG-S | Escape sign panel luminaire with LED technology 20 meters, recessed | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |
| 1804 LED CG-S | Escape sign panel luminaire with LED technology 28 meters, recessed | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 20 |



4. 46011 LED CG-S

| Model | Description /Application | Voltage Supply | Lumen output | Hz | Duration | Type of operation | Compatible with central battery system UAE-certificate # | IP rating |
|--------------------|--|----------------------------|--------------|-------|----------|-------------------|---|-----------|
| 46011 LED CG-S | Escape sign luminaire made of sheet metal, white coated, with silk-screened pictogram cover, 60 meters, IP 65 | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S.../US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 65 |
| 46011 LED HYG CG-S | Escape sign luminaire made of sheet metal, white coated, with silk-screened pictogram cover, 60 meters, IP 65, with additional hygienic seal | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S.../US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 65 |
| 46011 LED LT CG-S | Escape sign luminaire made of sheet metal, white coated, with silk-screened pictogram cover, 60 meters, IP 65, for low temperature (-40°C) | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S.../US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 65 |

5. EXIT CUBE LED CG-S

| Model | Description /Application | Voltage Supply | Lumen output | Hz | Duration | Type of operation | Compatible with central battery system UAE-certificate # | IP rating |
|----------------|---|----------------------------|--------------|-------|----------|-------------------|---|-----------|
| 33022 LED CG-S | Escape sign luminaire, with 3 (4) side light-outlet pictogram cover, wall, ceiling and suspended mounting, 20 meters, IK 07 | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S.../US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 40 |
| 33042 LED CG-S | Escape sign luminaire, with 3 (4) side light-outlet pictogram cover, ceiling and suspended mounting, 40 meters, IK 07 | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S.../US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 40 |



6. Spirit LED CG-S

| Model | Description /Application | Voltage Supply | Lumen output | Hz | Duration | Type of operation | Compatible with central battery system UAE-certificate # | IP rating |
|----------------------|--|----------------------------|--------------|-------|----------|-------------------|--|-----------|
| Spirit LED 16 CG-S | Exclusive escape sign panel luminaire with LED technology 16 meters, with bolt | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 41 |
| Spirit LED 16.1 CG-S | Exclusive escape sign panel luminaire with LED technology 16 meters, Glued | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 41 |
| Spirit LED 28 CG-S | Exclusive escape sign panel luminaire with LED technology 28 meters with bolt | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 41 |
| Spirit LED 28.1 CG-S | Exclusive escape sign panel luminaire with LED technology 28 meters with bolt | 220-240 Vac 176-275 Vdc | | 50/60 | 180 min | Mains | (ZB-S... /US-S...) 2238303.01-UAE (LP-STAR) 2235866.01-UAE (DG-S.../ DG-S US...) 2254858.02-UAE | 41 |

End