




CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORT NUMBER 'Assessment Reports' are not acceptable	2236196.50	CERTIFICATE NUMBER	2236196.05-UAE Refers to ENEC certificate: 71-104349 REV. 1
DATE OF ISSUE	5 April 2019	DATE OF ISSUE	5 April 2019
DATE OF EXPIRY	By expiration of the standard(s)	DATE OF EXPIRY	5 April 2021
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	Cooper Securite S.A.S.	NAME OF THE BRAND	CEAG
FACTORY NAME / ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY)	Cooper Industries Romania S.R.L. Zona Industriala Vest Str. III, Nr. 12 310510 Arad Romania	MODEL / NO	CrystalWay 20m & 30m CGLine+ See appendix 1 for full models details
WEBSITE	www.eaton.com www.cooper-ls.com	LOGO ON THE PRODUCT	
TEL	+971 4 8066100	EMAIL	Eaton MiddleEnquiries@Eaton.com



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)	Self-contained emergency luminaires with LED light source. Suitable for Ceiling / Wall / suspended mounting	2,8
TEST STANDARD (SUCH AS ASTM/BS EN/ DN ETC)	EN 60598-1:2015 +AC:2015 +AC:2016 + A1:2018 EN 60598-2-22:2014 + AC:2015 + AC:2016-05 + AC:2016-09 Title: Luminaires – General and Particular requirements – Luminaires for emergency lighting 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).	1,5
	Product tests were done at the facilities of: DEKRA Certification B.V. Meander 1501 6825 MJ Arnhem The Netherlands The following tests were part of the certification process: - Classification - Product Marking - Construction - Creepage distances and clearances - Provision for earthing - Screw terminals - Screwless terminals and electrical connections - External and internal wiring - Protection against electric shock - Endurance test and thermal test - Resistance to dust and moisture - Isolation Resistance and electrical strength - Resistance to heat and fire tracking - Photometric data - Changeover operation - High Temperature operation - Battery charger for self-contained emergency luminaires	10-74
TEST DESCRIPTION		

DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherlands



	<ul style="list-style-type: none"> - Test devices for emergency operation - Annexes (A through E and 1 through 5) - Appendix 1 – LED module examination - Appendix 2 – LED driver examination - Appendix 3 – LED driver for emergency use examination 	
SPECIFICATION OF TEST SPECIMEN	<p>The complete above-mentioned tests have been carried out on all models considered as representatives of the listed models.</p> <p>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>	
TEST RESULT (SUCH AS PASSED CRITERIA ___/ COMPLIED TO ___/ DURATION ___/OBSERVATION ___/ETC)	All applicable clauses as mentioned in the Test Report have passed the test.	10-74
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>Emergency luminaires enables safe escape from a location in the event of failure of the normal mains supply.</p> <p>Emergency luminaires are provided for emergency escape lighting 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>These luminaires are for fixed mounting and installation, which can be ceiling or wall and or suspended mounting.</p> <p>These Luminaires are compatible with the monitoring systems CGL+ Web controller (40071361055/1184), CGL+ Touchscreen controller (40071361056/1083/1084) and AE CGLine+ Systems (40071777969/7970/7971/7972).</p>	



Laboratory and Certification body details			
NAME OF CERTIFICATION BODY	DEKRA Certification B.V.	NAME OF TEST FACILITY	DEKRA Certification B.V.
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>	Meander 1051 6825 MJ Arnhem The Netherlands
WEBSITE	www.dekra-certification.com	WEBSITE	www.dekra-certification.com
TEL	+31 (0)88 968 3000	TEL	+31 (0)88 968 3000
EMAIL	lighting@dekra.com	EMAIL	lighting@dekra.com
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>	30 November 2020	VALIDITY <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	1 May 2022 30 November 2020
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			

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(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	G. Pellissier	SIGNATURE	
EMAIL / TEL	GeraudPellissier@eaton.com	FACTORY OFFICIAL SEAL	COOPER Safety COOPER SECURITE SAS SIRET 334 438 827 00035 PEE II - Rue Beethoven 63204 RIOM Cedex 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 +31 (0)88 968 3000	CERTIFICATION BODY OFFICIAL SEAL	DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands T: +31 88 96 83000 . F: +31 88 96 83100 www.dekra-product-safety.com
NOTES: I Undertake that all data and information provided are genuine and accurate			

APPENDIX 1: LIST OF MODELS



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Crystalway

Model	Commerc. Code	Description /Application	Voltage Supply	Freq.	Lumen output	Duration	Type of operation	IP rating
CrystalWay 20m GLine+	LUM17122-G	Self-contained emergency luminaire. Suitable for ceiling, wall or suspended mounting. For 20m viewing distance	230Vac	50/60Hz	20lm	180 min.	Maintained	42
CrystalWay 30m GLine+	LUM17124-G	Self-contained emergency luminaire. Suitable for ceiling, wall or suspended mounting. For 30m viewing distance	230Vac	50/60Hz	30lm	180 min.	Maintained	42
Crystal Way 20m 1-8h IA CGLine+	LUM17122IA-G	Self-contained emergency luminaire with IA function. Suitable for ceiling, wall or suspended mounting. For 20m viewing distance	230Vac	50/60Hz	20lm	180 min.	Maintained,	42
Crystal Way 30m 1-8h IA CGLine+	LUM17124IA-G	Self-contained emergency luminaire with IA function. Suitable for ceiling, wall or suspended mounting. For 30m viewing distance	230Vac	50/60Hz	30lm	180 min.	Maintained,	42

End