







## CERTIFICATE OF COMPLIANCE

This certificate of compliance validates the following			
TEST REPORTS NUMBER 'Assessment Reports' are not acceptable	3505689.50	CERTIFICATES NUMBER	2225929.01-UAE Refers to ENEC-Certificate: 81-102908
DATE OF ISSUE	02 February 2018	DATE OF ISSUE	19 March 2018
DATE OF EXPIRY	By expiration of the standard(s)	DATE OF EXPIRY	+ 2 years from date of issue
Manufacturer details			
NAME OF FACTORY/ MANUFACTURER	SC Cooper industries Romania S.R.L	NAME OF THE BRAND	EATON Crompton JSB MENVIER
FACTORY ADDRESS / REGION (STREET / TOWN / CITY / COUNTRY )	Zona Industriala Vest Str. III, Nr. 12 310510 Arad Romania	MODEL / NO	See appendix 1 for models details
WEBSITE	www.eaton.com	LOGO ON THE PRODUCT	   
TEL	+40734775910	EMAIL	CorinaMarias@eaton.com



Product Details From Test Report		Reference Test Report page NO
<b>DESCRIPTION OF THE PRODUCT</b> <small>(TECHNICAL DETAILS FROM TEST REPORT, SUCH AS ACTUAL FIRE RATINGS/DIMENSIONS/THICKNESS/ SENSITIVITY ETC)</small>	<p>Luminaires for emergency lighting with LED light source, 230 Vac, 50/60 Hz. Covered are Maintained versions as well as Centrally Supplied versions.</p> <p>The Centrally Supplied luminaires are for use/operation on 180 minutes Central Battery Systems. The Maintained versions have 180 minutes emergency operation on integrated batteries, dependent of model.</p>	2
<b>TEST STANDARD</b> <small>(SUCH AS ASTM/BS EN/ DN ETC)</small>	<p>Code no: IEC/EN 60598-2-22:2014            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)</p>	1, 3
<b>TEST DESCRIPTION</b>	<p>Product test were done at the facilities of:            DEKRA Testing and Certification S.r.l.            Via Martiri della Liberazione, 12            I-23875 Osnaga (LC)</p> <p>The following tests were part of the certification process:</p> <ul style="list-style-type: none"> <li>-Classification</li> <li>-Product Marking</li> <li>-Construction</li> <li>-Creepage distance and clearance</li> <li>-Screw less terminals and electrical connections</li> <li>-External and internal wiring</li> <li>-Protection against electric shock</li> <li>-Resistance to dust and moisture</li> <li>-Isolation Resistance and electrical strength</li> <li>-Resistance to heat and fire tracking</li> <li>-Photometric data</li> <li>-High Temperature operation</li> </ul>	3, 4



<b>SPECIFICATION OF TEST SPECIMEN</b>	<p>The complete above mentioned tests have been carried out on models considered as representative of the listed models. (see appendix 1)</p> <p>The differences among the models in the series consist of minor differences in dimensions, lumen output, and mounting options.</p>	11-53
<b>TEST RESULT</b> (SUCH AS PASSED CRITERIA ___/ COMPLIED TO ___/ DURATION ___/OBSERVATION ___/ETC)	All applicable clauses as mentioned in the Test Report have passed the test.	3, 4
<b>PRODUCT APPLICATION GUIDELINE (END USE)</b> (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>These luminaires are for fixed ceiling mounting installation.</p>	-



Laboratory and Certification body details			
<b>NAME OF CERTIFICATION BODY</b>	DEKRA Certification B.V.	<b>NAME OF TEST FACILITY</b>	DEKRA Certification B.V.
<b>CERTIFICATION BODY ADDRESS / REGION</b> <small>(STREET / TOWN / CITY / COUNTRY )</small>	Meander 1051 6825 MJ Arnhem The Netherlands	<b>TEST FACILITY ADDRESS / REGION</b> <small>(STREET / TOWN / CITY / COUNTRY )</small>	Meander 1051 6825 MJ Arnhem The Netherlands
<b>WEBSITE</b>	www.dekra-certification.com	<b>WEBSITE</b>	www.dekra-certification.com
<b>TEL</b>	+31 88 96 83000	<b>TEL</b>	+31 88 96 83000
<b>EMAIL</b>	lighting@dekra.com	<b>EMAIL</b>	lighting@dekra.com
<b>ACCREDITED BY</b> <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE CERTIFICATION BODY, ALONG WITH WEBSITE)</small>	Dutch Accreditation Council RVA www.rva.nl	<b>ACCREDITED BY</b> <small>(NAME OF ACCREDITATION BODY WHICH ISSUED ACCREDITATION TO THE LABORATORY, ALONG WITH WEBSITE)</small>	Dutch Accreditation Council RVA www.rva.nl
<b>AS PER</b> <small>(STANDARD TO WHICH THE CERTIFICATION BODY IS ACCREDITED TO)</small>	ISO/IEC 17025:2005	<b>AS PER</b> <small>(STANDARD TO WHICH YOUR ORGANIZATION IS ACCREDITED TO)</small>	ISO/IEC 17065 ISO/IEC 17025
<b>VALIDITY</b> <small>(EXPIRY DATE OF CERTIFICATION BODY ACCREDITATION)</small>	1 May 2018	<b>VALIDITY</b> <small>(EXPIRY DATE OF LABORATORY ACCREDITATION)</small>	1 May 2018 1 September 2018
<b>REFERENCE NUMBER:</b> <small>(CERTIFICATION BODY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	C001	<b>REFERENCE NUMBER:</b> <small>(THE LABORATORY ACCREDITATION REFERENCE NUMBER TO VERIFY ON THE ACCREDITOR'S WEBSITE)</small>	C001 L022
<b>CERTIFICATION MARK</b>			



(ENDORSEMENT) TO BE SIGNED BY MANUFACTURER			
NAME OF MANUFACTURER'S SIGNATORY	Corina Marias	SIGNATURE	
EMAIL / TEL	CorinaMarias@eaton.com +40734775910	FACTORY OFFICIAL SEAL	
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	drs. G.J.S. Zoetbrood	SIGNATURE	
EMAIL / TEL	lighting@dekra.com +31 88 96 83 000	CERTIFICATION BODY OFFICIAL SEAL	
NOTES: I Undertake that all data and information provided are genuine and accurate			



## APPENDIX 1: List of models

Model	Supply voltage	Frequency	Details	Compatible with central battery system	t <sub>a</sub> °C	IP rating
ESM-AT-3H ESM-AT-3H-C ESM-AT-3H-J ESM-AT-3H-M	230 V	50/60 Hz	Maintained, Rated duration of emergency operation: 180 minutes, Test device, Remote rest mode, Automatic test system.	-	40	IP20
ESM-3H-AUT ESM-3H-AUT-C ESM-3H-AUT-J ESM-3H-AUT-M	230 V	50/60 Hz	Maintained, Rated duration of emergency operation: 180 minutes, Test device, Remote rest mode, Automatic test system.	-	40	IP20
ESC-3H ESC-3H-C ESC-3H-J ESC-3H-M	230 V	50/60 Hz	Maintained, Rated duration of emergency operation: 180 minutes, Test device, Remote rest mode, Inhibiting mode.	-	40	IP20
ESC-3H-CGL ESC-3H-CGL-C ESC-3H-CGL-J ESC-3H-CGL-M	230 V	50/60 Hz	Maintained, Rated duration of emergency operation: 180 minutes, Test device, Remote rest mode, Inhibiting mode.	-	40	IP20
ESMAINS ESMAINS-C ESMAINS-J ESMAINS-M	230 Vac	50/60 Hz	Mains, Centrally supplied emergency luminaire.	According CBS (#)	40	IP20
<b>Velos exit signs ESP-IDD, ESP-ILR, ESP-IUU</b>						
<p>The suffix C corresponds to commercial name "Crompton"  The suffix J corresponds to commercial name "JBS"  The suffix M corresponds to commercial name "MENVIER"</p> <p>The suffix CBS corresponds to Central Battery Systems (#)</p>						

End