

CERTIFICATE

Issued to:
Applicant:
Cooper Securite SAS
Parc Européen d'Entreprise RII Rue Beethoven -
BP 10184
63204 Riom, France

Licensee:
Cooper Securite SAS
Parc Européen d'Entreprise RII Rue Beethoven -
BP 10184
63204 Riom, France

Product : Emergency Luminaires with LED light source
Trade name(s) : EATON, EATON CEAG, EATON Crompton, EATON JSB, EATON LUMINOX or
EATON MENVIER
Type(s)/model(s) : RoundTech Series

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN 60598-1:2015, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598-1:2015/A1:2018, EN 60598-2-22:2014, EN 60598-2-22:2014/AC:2015, EN 60598-2-22:2014/AC:2016-05, EN 60598-2-22:2014/AC:2016-09 and EN 60598-2-22:2014/A1:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2193273

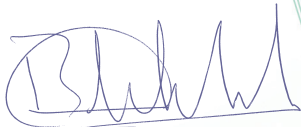
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 26 July 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-120017

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Emergency Luminaires with LED light source
Trade name(s)	: EATON, EATON CEAG, EATON Crompton, EATON JSB, EATON LUMINOX or EATON MENVIER
Type(s)/model(s)	: RT2R2EC4ICGL3H, RT2R2EC4ICGL3HC, RT2R2EC4ICGL3HG, RT2R2EC4ICGL3HJ, RT2R2EC4ICGL3HL, RT2R2EC4ICGL3HM, RT2RHEO200CGL3HIP, RT2RHEO200CGL3HIPG, RT2RHEO200CGL3HIPJ, RT2RHEO200CGL3HIPL, RT2RHEO200CGL3HIPM, RT2RSEO200ATF1H, RT2RSEO200ATF1HIP, RT2RSEO200ATF3H, RT2RSEO200ATF3HC, RT2RSEO200ATF3HG, RT2RSEO200ATF3HIP, RT2RSEO200ATF3HIPG, RT2RSEO200ATF3HIPJ, RT2RSEO200ATF3HIPL, RT2RSEO200ATF3HIPM, RT2RSEO200ATF3HJ, RT2RSEO200ATF3HL, RT2RSEO200ATF3HM, RT2RSEO200CGL1HIP, RT2RSEO200CGL3HIP, RT2RSEO200CGL3HIPG, RT2RSEO200CGL3HIPJ, RT2RSEO200CGL3HIPL, RT2RSEO200CGL3HIPM, RT2RSEO200DMP3HIP, RT2RSEO200STF1HIP, RT2RSEO200STF3HIP, RT2RSEO200STF3HIPG, RT2RSEO200STF3HIPJ, RT2RSEO200STF3HIPL, RT2RSEO200STF3HIPM, RT2RSEO400CGL1HIP, RT2RSO150SA1H, RT2RSO150SA3H, RT2RSO150SA3HC, RT2RSO150SA3HG, RT2RSO150SA3HJ, RT2RSO150SA3HL and RT2RSO150SA3HM
Series	: RoundTech
Rated voltage / nature of supply	: 230 Vac
Rated frequency	: 50/60 Hz
Rated input	: 0,3 W (non-maintained) 1,1 W (maintained) 2 W (exit sign)
Ambient temperature range	: ta: 5 - 45°C
Classification	: Class II
Degree of protection against ingress of dust, solid objects and moisture	: IP20 (recessed parts in cavity) IP43 (exit sign) IP44 or IP65 (escape route lighting/open area lighting (front face of recessed luminaires))
Degree of protection of enclosures to mechanical impact	: IK05
Autonomy time	: 1 h or 3 hrs
Lumen output in emergency mode (excluding exit sign)	: 150 lm, 200 lm or 400 lm
Description	: mainted/self-contained (exit sign) maintained/non-maintained/self contained (recessed luminaires) non-maintained/self contained (recessed luminaires)

TESTS**Test requirements**

EN 60598-1:2015
EN 60598-1:2015/AC:2015
EN 60598-1:2015/AC:2016

EN 60598-1:2015/A1:2018
EN 60598-2-22:2014
EN 60598-2-22:2014/AC:2015
EN 60598-2-22:2014/AC:2016-05
EN 60598-2-22:2014/AC:2016-09
EN 60598-2-22:2014/A1:2020

Test result

The test results are laid down in DEKRA test file 225031700.

Additional information

The luminaires contain a LED module which is in compliance with EN 62031:2020 (tested as part of the appliance).

The luminaires contain a LED driver which is in compliance with EN 61347-2-13:2014 + A1:2017 and EN 61347-2-7:2012 + A1:2019 used in conjunction with EN 61347-1:2015 + A1:2021 (tested as part of the appliance).

The "G" at the end of the type number indicates "EATON CEAG" trade name.
The "C" at the end of the type number indicates "EATON Crompton" trade name.
The "J" at the end of the type number indicates "EATON JSG" trade name.
The "L" at the end of the type number indicates "EATON LUMINOX" trade name.
The "M" at the end of the type number indicates "EATON MENVIER" trade name.
No indication at the end of the number indicates "EATON" trade name.

For a full overview of the models and accessories, refer to attached nomenclature.

The luminaires fulfill the requirements of IEC 62262:2002 / IEC/TR 62969:2011 with regard to protection provided by enclosures for electrical equipment against external mechanical impacts, IK05.

The list of components is laid down in test report 2250317.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

EATON; CEAG Notlichtsysteme GmbH
Senator-Schwartz-Ring 26
59494 Soest, Germany

Digital Lighting (Dongguan) Company Ltd.
Xinmin District, Chang'An Town
523879 Dong Guan City, China

SC Cooper Industries Romania SRL
Zona Industrială Vest Str. III, Nr. 12
310510 Arad, Romania

Cooper Securite SAS
Parc Européen d'Entreprise RII Rue Beethoven - BP 10184
63204 Riom, France

Model overview – RoundTech – Escape Route lighting/Open Area lighting

Brand name: EATON

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2RSO150SA1H	NM	150 lm	1 h	Stand alone	IP44
RT2RSO150SA3H	NM	150 lm	3 h	Stand alone	IP44
RT2RSEO200STF1HIP	M/NM	200 lm	1 h	Stand alone	IP65
RT2RSEO200STF3HIP	M/NM	200 lm	3 h	Stand alone	IP65
RT2RSEO200ATF1H	M/NM	200 lm	1 h	AT	IP44
RT2RSEO200ATF3H	M/NM	200 lm	3 h	AT	IP44
RT2RSEO200ATF1HIP	M/NM	200 lm	1 h	AT	IP65
RT2RSEO200ATF3HIP	M/NM	200 lm	3 h	AT	IP65
RT2RSEO200CGL1HIP	M/NM	200 lm	1 h	CGL+	IP65
RT2RSEO200CGL3HIP	M/MN	200 lm	3 h	CGL+	IP65
RT2RSEO400CGL1HIP	M/NM	400 lm	1 h	CGL+	IP65
RT2RSEO200DMP3HIP	M/NM	200 lm	3 h	DALI	IP65
RT2RHEO200CGL3HIP	M/NM	200 lm	3 h	CGL+	IP65

Brand name: EATON CEAG

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2RSO150SA3HG	NM	150 lm	3 h	Stand alone	IP44
RT2RSEO200STF3HIPG	M/NM	200 lm	3 h	Stand alone	IP65
RT2RSEO200ATF3HG	M/NM	200 lm	3 h	AT	IP44
RT2RSEO200ATF3HIPG	M/NM	200 lm	3 h	AT	IP65
RT2RSEO200CGL3HIPG	M/NM	200 lm	3 h	CGL+	IP65
RT2RHEO200CGL3HIPG	M/NM	200 lm	3 h	CGL+	IP65

Brand name: EATON Crompton

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2RSO150SA3HC	NM	150 lm	3 h	Stand alone	IP44
RT2RSEO200STF3HIPC	M/NM	200 lm	3 h	Stand alone	IP65
RT2RSEO200ATF3HC	M/NM	200 lm	3 h	AT	IP44
RT2RSEO200ATF3HIPC	M/NM	200 lm	3 h	AT	IP65
RT2RSEO200CGL3HIPC	M/NM	200 lm	3 h	CGL+	IP65
RT2RHEO200CGL3HIPC	M/NM	200 lm	3 h	CGL+	IP65

Brand name: **EATON JSB**

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2RSO150SA3HJ	NM	150 lm	3 h	Stand alone	IP44
RT2RSEO200STF3HIPJ	M/NM	200 lm	3 h	Stand alone	IP65
RT2RSEO200ATF3HJ	M/NM	200 lm	3 h	AT	IP44
RT2RSEO200ATF3HIPJ	M/NM	200 lm	3 h	AT	IP65
RT2RSEO200CGL3HIPJ	M/NM	200 lm	3 h	CGL+	IP65
RT2RHEO200CGL3HIPJ	M/NM	200 lm	3 h	CGL+	IP65

 Brand name: **EATON LUMINOX**

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2RSO150SA3HL	NM	150 lm	3 h	Stand alone	IP44
RT2RSEO200STF3HIPL	M/NM	200 lm	3 h	Stand alone	IP65
RT2RSEO200ATF3HL	M/NM	200 lm	3 h	AT	IP44
RT2RSEO200ATF3HIPL	M/NM	200 lm	3 h	AT	IP65
RT2RSEO200CGL3HIPL	M/NM	200 lm	3 h	CGL+	IP65
RT2RHEO200CGL3HIPL	M/NM	200 lm	3 h	CGL+	IP65

 Brand name: **EATON MENVIER**

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2RSO150SA3HM	NM	150 lm	3 h	Stand alone	IP44
RT2RSEO200STF3HIPM	M/NM	200 lm	3 h	Stand alone	IP65
RT2RSEO200ATF3HM	M/NM	200 lm	3 h	AT	IP44
RT2RSEO200ATF3HIPM	M/NM	200 lm	3 h	AT	IP65
RT2RSEO200CGL3HIPM	M/NM	200 lm	3 h	CGL+	IP65
RT2RHEO200CGL3HIPM	M/NM	200 lm	3 h	CGL+	IP65

Replacement components and Accessories

Battery pack branding EATON

Model No.	application	description
RT2R-BAT1	---	BATTERY PACK, LIFEPO 3.2V 1.5AH
RT2R-BAT3	---	BATTERY PACK, LIFEPO 3.2V 3AH

Accessories branding EATON

Model No.	application	description
EMN	---	EATON MAGNET FOR CONFIGURATION AND TESTS
RT2R-ST	Recessed	RTECH MR SQUARE TRIM
RT2R-STB	Recessed	RTECH MR SQUARE TRIM BLACK
RT2R-STG	Recessed	RTECH MR SQUARE TRIM GREY
RT2R-STS	Recessed	RTECH MR SQUARE TRIM SILVER
RT2R-RT	Recessed	RTECH MR ROUND TRIM
RT2R-RTB	Recessed	RTECH MR ROUND TRIM BLACK
RT2R-RTG	Recessed	RTECH MR ROUND TRIM GREY
RT2R-RTS	Recessed	RTECH MR ROUND TRIM SILVER
RT2R-RP	Recessed	RTECH MR RENOVATION PLATE

Model overview – RoundTech – Exit Sign

Brand name: EATON

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2R2EC4ICGL3H	M	-	3 h	CGL+	IP43

Brand name: EATON CEAG

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2R2EC4ICGL3HG	M	-	3 h	CGL+	IP43

Brand name: EATON Crompton

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2R2EC4ICGL3HC	M	-	3 h	CGL+	IP43

Brand name: EATON JSB

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2R2EC4ICGL3HJ	M	-	3 h	CGL+	IP43

Brand name: EATON LUMINOX

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2R2EC4ICGL3HL	M	-	3 h	CGL+	IP43

Brand name: EATON MENVIER

Model No.	operation	lumens	Autonomy time	technology	IP classification
RT2R2EC4ICGL3HM	M	-	3 h	CGL+	IP43

"M" indicates Maintained
 "NM" indicates Non Maintained
 "M/NM" indicates Maintained/Non Maintained
 "AT" indicates Automatic Test Function
 "CGL+" indicates suitable for Self-contained testing & monitoring system by EATON