

CERTIFICATE

Issued to:
Applicant:
Cooper Securite SAS
ZAC de la Gravière Rue Beethoven
Parc Européen d' Entreprise RII
63200 Riom, France

Manufacturer/Licensee:
Cooper Securite SAS
ZAC de la Gravière Rue Beethoven
Parc Européen d' Entreprise RII
63200 Riom, France

Product : Luminaires for emergency lighting with LED light source
Trade name(s) : EATON and EATON JSB
Type(s)/model(s) : CrystalWay

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 EN 60598-1:2015, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598-2-22:2014, EN 60598-2-22:2014/AC:2015, EN 60598-2-22:2014/AC:2016-05 and EN 60598-2-22:2014/AC:2016-09
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a 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 of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 22 November 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-101943

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Schendstok
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Luminaires for emergency lighting with LED light source
Trade name(s)	: EATON and EATON JSB
Type(s)/model(s)	: CEAG Crystal Way 19821 1-8h/D CGLine+, CEAG Crystal Way 19821 1-8h/D CGLine+ Ceiling, CEAG Crystal Way 19821 1-8h/D IA CGLine+, CEAG Crystal Way 19822 1-8h/D CGLine+, CEAG Crystal Way 19822 1-8h/D CGLine+ Ceiling, CEAG Crystal Way 19822 1-8h/D IA CGLine+, Crystal Way 20m CGLine+ – LUM17122, Crystal Way 20m CGLine+ – LUM17122-J, Crystal Way 30m CGLine+ – LUM17124 and Crystal Way 30m CGLine+ – LUM17124-J
Rated voltage/nature of supply	: 230 Vac
Rated frequency	: 50-60 Hz
Ambient temperature	: ta = 5 ... 40 °C
Class	: class = II
Degree of protection against dust, solid object and moisture	: IP42
Degree of protection against external mechanical impact	: IK04

Product data – type CEAG Crystal Way 19821 1-8h/D CGLine+

Rated output power	: 2,5 W
Viewer distance	: 20 m
Trade name	: EATON

Product data – type CEAG Crystal Way 19821 1-8h/D CGLine+ Ceiling

Rated output power	: 2,5 W
Viewer distance	: 20 m
Trade name	: EATON

Product data – type CEAG Crystal Way 19821 1-8h/D IA CGLine+

Rated output power	: 2,5 W
Viewer distance	: 20 m
Trade name	: EATON

Product data – type CEAG Crystal Way 19822 1-8h/D CGLine+

Rated output power	: 4,2 W
Viewer distance	: 30 m
Trade name	: EATON

Product data – type CEAG Crystal Way 19822 1-8h/D CGLine+ Ceiling

Rated output power	: 4,2 W
Viewer distance	: 30 m
Trade name	: EATON

Product data – type CEAG Crystal Way 19822 1-8h/D IA CGLine+

Rated output	: 4,2 W
Viewer distance	: 30 m
Trade name	: EATON

Product data – type Crystal Way 20m CGLine+ – LUM17122

Rated output power : 2,5 W
Viewer distance : 20 m
Trade name : EATON

Product data – type Crystal Way 20m CGLine+ – LUM17122-J

Rated output power : 2,5 W
Viewer distance : 20 m
Trade name : EATON JSB

Product data – type Crystal Way 30m CGLine+ – LUM17124

Rated output power : 4,2 W
Viewer distance : 30 m
Trade name : EATON

Product data – type Crystal Way 30m CGLine+ – LUM17124-J

Rated output power : 4,2 W
Viewer distance : 30 m
Trade name : EATON JSB

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 222105800.

Additional information

The luminaire contains a LED module which is in compliance with EN 62031:2008 + A1:2013 + A2:2015 (tested as part of the appliance).

The luminaire contains a LED driver which is in compliance with EN 61347-2-13:2014 and EN 61347-2-7:2012 used in conjunction with EN 61347-1:2015 (tested as part of the appliance).

This certificate replaces certificate No. 71-101429 which we herewith declare invalid.

The list of components is laid down at test report 2221058.50.

Conclusion

The examination proved that all requirements were met.

Factory location

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