

CERTIFICATE

KEMA No.: 2101035.01

Issued to:
Applicant:

Cooper Menvier b.v.
Terheydenseweg 465
4825 BK, BREDA, The Netherlands

Manufacturer/Licensee:

Cooper Menvier b.v.
Terheydenseweg 465
4825 BK, BREDA, The Netherlands

Products : emergency lighting with leds
Trade name : EVOLED
Types/models : EVOLED 1-AT, EVOLED 1-AT-3, EVOLED 1-AT-D3, EVOLED 230-HF, EVOLED 24

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

KEMA hereby declares that the above-mentioned product has been certified on the basis of:
a type test according to the standards EN 60598-1:2004, EN 60598-2-22:1998
– an inspection of the production location according to CENELEC Operational Document CIG 021
– a certification agreement with the number 2000820

KEMA hereby grants the right to use the ENEC KEMA-KEUR certification mark.

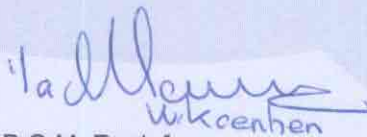
The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: December 15, 2006 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.



P. Nabuurs
Managing director



P.G.M. Roelofs
Certification Manager

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	emergency lighting with leds
trade name	:	EVOLED
types	:	EVOLED 1-AT, EVOLED 1-AT-3, EVOLED 1-AT-D3, EVOLED 230-HF, EVOLED 24
rated voltage	:	24 V / 230 V
rated lamp power	:	1 x 1 W LED
nature of supply	:	ac/dc
rated frequency	:	50 Hz
class	:	II
degree of protection	:	IP30
description	:	For ceiling mounting fixed to the supply
classification	:	self-contained luminaire / maintained luminaire or centrally supplied
battery	:	4 x 1,2V, 1,25 Ah, sealed NiMH

Additional information

- with F symbol
- for fixed connection to the supply
- with screwless terminals, suitable for maximum 2,5 mm²

Product data – type EVOLED 1-AT

rated voltage	:	230 V
frequency	:	50 Hz
autonomy time	:	1 hours

Product data – type EVOLED 1-AT-3

rated voltage	:	230 V
frequency	:	50 Hz
autonomy time	:	3 hour

Product data – type EVOLED 1-AT-D3

rated voltage	:	230 V
frequency	:	50 Hz
autonomy time	:	3 hours

Product data – type EVOLED 230-HF

rated voltage	:	230 Vac/dc
frequency	:	50 Hz

Product data – type EVOLED 24

rated voltage	:	24 Vac/dc
frequency	:	50 Hz

TESTS**Test requirements**

EN 60598-1:2004

EN 60598-2-22:1998 A1:2003

Test result

The test results are laid down in KEMA test file 2101035.01.

Remarks

The electronic unit has been additional tested according the standard EN 61347-1:2001 and the EN 61347-2-2:2001

This certificate supersedes the previous test certificate 2082029.01, issued on March 22, 2006.

Conclusion

The examination proved that all test requirements were met.

Tested by : P.G.J. Wouters Checked by : J. Bronsvort **Factory-Location**

Cooper Menvier b.v.,

Terheydensweg 465, 4825 BK, BREDA, The Netherlands

List of components

component	trade name	type/model	approval mark ¹⁾
PCB	Cooper Menvier	BE-79690-C	SI 2082029.01
PCB	Cooper Menvier	BE-79700	SI 2082029.01
battery	GP	GP125AAMT	*
screwless terminal	Wago	272	KEMA-KEUR
LED	luxeon	luxeon 1 W	*
¹⁾ * indicates a component tested as part of the appliance			