

CERTIFICATE

Issued to:
Applicant:
Etap N.V.
Antwerpsesteenweg 130
2390 Malle
Belgium

Manufacturer/Licensee:
Etap N.V.
Antwerpsesteenweg 130
2390 Malle
Belgium

Product : Emergency Luminaire with LEDs
Trade name : ETAP
Types : K9R../.

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 60598-2-22:2014
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947634

DEKRA 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: 3 June 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2178633.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.J. Brouwer
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Emergency Luminaire with LEDs
trade name	: ETAP
type	: K9R.../..
rated voltage	: 220/230 V
nature of supply	: ac (maintained/non-maintained) ac/dc (centrally supplied)
rated frequency	: 50/60Hz or dc
rated input power	: 2,2 W
class	: II
degree of protection	: IP42 (IP40 for wall mounted)
degree of protection against external mechanical impact	: IK04
mounting position	: Surface Mounted (ceiling/wall) Recessed (ceiling)
description	: Self-contained maintained / non-maintained, and centrally supplied emergency luminaires with rest mode facility
standard rated duration	: 1 h
batteries	: 4 x 1.2 V;1.1 Ah

Additional information

- for fixed connection to the supply
- with 2,2 W LED Module
- standard rated duration of operation: 1 h.
- the mounting instructions are partly provided with the luminaires and are downloadable from the manufacturer's website
- Photo-biological safety non-GLS: Exempt

Code Variables for Self Contained products can be explained as follows: K 9 R A B C / D Suffix

K9R = Main Model No.

"A" denotes Housing Type. Can be replaced by:

- 1 = Surface mounted
- 2 = Recessed
- 4 = Parallel wall mounted
- 5 = Perpendicular wall mounted

"B" denotes Application. Can be replaced by:

- 3 = Single Sided Signage
- 4 = Double Sided Signage

"C" denotes Test and Communication. Can be replaced by:

- 2 = EST+ (European Safety Test - Automatic)
- 3 = ESM (European Safety Test) centrally managed
- 4 = ESM RF (European Safety Test – Centrally managed Wireless)

"D" denotes Lighting Source. Can be replaced by:

- 1 = 20 LEDs, 80 cd/m²
- 12 = 20 LEDs, 500 cd/m²

"Suffix" denotes Options. Can be replaced by:

- Code Suffix S2 = 3 hr duration
- Code Suffix S4 = Remote control
- Code Suffix S7 = LON
- Code Suffix S11 = DALI
- Code Suffix Vxx = Minor modifications (not safety relevant)
- Code Suffix -F = Country Code France
- Code Suffix -E = Country Code Spain
- Code Suffix V220 = Rated voltage 220 60Hz
- Code Suffix X1 = Grey RAL 9006 coating
- Code Suffix X2 = White RAL 9003 coating
- Code Suffix X5 = Chromated finish (Surtec 650)

Code variables for Centrally Supplied products can be explained as follows:

K 9 R A B / D - G Suffix
K9R = Main Model No.

"A" denotes Housing Type. Can be replaced by:
See described under "A" at Self-Contained products

"B" denotes Application. Can be replaced by:
See described under "B" at Self-Contained products

"D" denotes Lighting Source. Can be replaced by:
See described under "D" at Self-Contained

"G" denotes voltage. Can be replaced by:
230 = 220-230V
"Suffix" denotes Options. Can be replaced by:
Code Suffix S11 = DALI
Code Suffix Vxx = Minor modifications (not safety relevant)
Code Suffix -F = Country Code France
Code Suffix -E = Country Code Spain
Code Suffix V220 = with CEAG LED Driver 220V 60Hz
Code Suffix V221 = with ETAP LED Driver 220V 60Hz
Code Suffix X1 = Grey RAL 9006 coating
Code Suffix X2 = White RAL 9003 coating
Code Suffix X5 = Chromated finish (Surtec 650)
Code Suffix S20 = ESM for centrally supplied

TESTS

Test requirements

Main test requirements:
EN 60598-1:2015
EN 60598-2-22:2014 + C1:2015

Additional test requirements:
EN 62031:2008 + A1:2013 + A2:2015

Test results

The test results are laid down in DEKRA test file 2178633.00

Remark

This certificate supersedes certificate no. 2138140.05.

Conclusion

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh

A blue ink signature of L.N.H. Huynh, featuring a stylized, cursive script.

Checked by : T.H.J.M. Michels

A blue ink signature of T.H.J.M. Michels, written in a cursive script with the name clearly legible.

Factory location

Etap N.V.
Antwerpsesteenweg 130
2390 Malle
Belgium

List of components

Component	trade name	type/model	approval mark ¹⁾
Screwless Terminals	ETAP	AVX	2182408.00
Screwless Terminals	Phoenix	FKCVR 10 A,250 V	VDE
Screwless Terminals	Wago	2273	ENEC 10
Battery	Arts	4 VHT AAL	LCIE
Foam	Solueta	SFHL-16DG	*
Foam tape	Nitto	5011 N	*
LED	NICHIA	NFSW	UR / *
Electronic Control Gear LEP Driver	ETAP	LEP DRIVER	2175745.00
LED PCB	Isola	Duraver	UR / *
Additinal insulation foil	Dupont	MELINEX S	UR / *
Insulation material	*	PC Tarflon	*
Enclosure material	*	PC Lexan	*
Enclosure material	Etap	*	*
¹⁾ * indicates a component tested as part of the appliance			