

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 LED light source
Trade name : ETAP
Model : K1R1
reference key : K1R1**/**

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: 1 December 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2197962.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



W. Singewald
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	:	ETAP
model	:	K1R1
product reference key	:	K1R1**/**
rated voltage	:	220-230 Vac
nature of supply	:	ac/dc
rated frequency	:	50-60 Hz; DC
lamp power	:	3 or 6 W
ambient temperature (ta)	:	25 °C
class	:	II
degree of protection of dust, solid object and moisture	:	IP42 For version (-F) IP22
degree of protection against external mechanical impacts	:	IK04

Additional informationFor self-contained luminaires series:Types: **K1R1** ab/c(d) suffix (self-contained)

Code variables:

Posn 5:	a	= Application
	1	Light: escape route/ambiance
	2	Light: anti panic
	5	Double sided mini signage
Posn 6:	b	= Test & communication
	2	EST+
	3	ESM
	4	ESM RF
Posn 7:	c	= Lamp
	3	1 x 3W LED
	4	2 x 3W LED

rated voltage	:	220 - 230 V
rated frequency	:	50/60 Hz
degree of protection	:	IP42 / IP22 (-F)
standard rated duration	:	1 hr
battery possibilities	:	4 x 1.2V 1.1 Ah sealed NiMh
	:	4 x 1.2V 2.2 Ah sealed NiMh

Options

Code suffix S2	3h duration
Code suffix S3	8h duration

Code suffix S4	remote control
Code suffix S7	LON
Code suffix S9	E3/E5 in-line system
Code suffix S11	Dali
Code suffix Vxx	minor modifications
Code suffix –E	Country code Spain
Code suffix –F	Country code France
Code suffix –V220	Rated Voltage 220V 60Hz

For centrally luminaires series:Types : **K1R1a/c-d** suffix

Code variables:

Posn 5:	a	= Application
	1	Light: escape route/ambiance
	2	Light: anti panic
	5	Double sided mini signage
Posn 6:	c	= Lamp
	3	1 x 3W LED
	6	2 x 3W LED
Posn 4:	d	= Rated voltage
	230	220 – 230 Volt
	110	110 Volt

rated voltage	: see code
nature of supply	: ac / dc
rated frequency	: 50/60 Hz
degree of protection	: IP42 / IP22

Options

Code suffix S9	E3/E5 in-line system
Code suffix S11	Dali
Code suffix S20	ESM
Code suffix Vxx	minor modifications
Code suffix –E	Country code Spain
Code suffix –F	Country code France
Code suffix –V220	(LED) with CEAG LED driver 220V 60Hz
Code suffix –V221	(LED) with ETAP LED driver 220V 60Hz

TESTS**Test requirements**

EN 60598-1:2015

EN 60598-2-22:2014 + C1:2015

Test result

The test results are laid down in DEKRA test file 2197962.00.

Remarks

The list of components is laid down in test report 2197962.50

Conclusion

The examination proved that all test requirements were met.

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 2)

Supervised by : H.J.H. te Lindert



Checked by : L.N.H. Huynh



Factory locations

Etap N.V.
Antwerpsesteenweg 130
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