

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
Series : K9R
Product : K9RABC/D(E)(suffix)
reference keys : K9RAB/D(E)-F(suffix)

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: 29 March 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2196551.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H. Schendstok
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Emergency luminaires with LED light source
trade name	:	ETAP
model	:	K9R
product reference keys	:	K9RABC/D(E)(suffix) K9RAB/D(E)-F(suffix)
rated voltage	:	220-230 V ac for self-contained version 220-230 V ac/dc for centrally supplied version
nature of supply	:	ac/dc
rated frequency	:	50-60 Hz; DC
lamp power	:	3 or 6 W
ambient temperature (ta)	:	25 °C
class	:	II
standard autonomy	:	1hr
degree of protection of dust, solid object and moisture	:	IP42/IP22 in France
degree of protection against external mechanical impacts	:	IK04

Additional information

Product data self-contained

product	:	self-contained emergency lighting with LEDs.
trade name	:	ETAP
series	:	K9R
product reference key	:	K9RABC/D(E)(suffix) self-contained

Code variables:

Posn 4:	A	= Housing
		0 = Mini / module
		1 = Surface Mounted - Square
		2 = Recessed Mounted - Round
		3 = Recessed Mounted – Square
Posn 5:	B	= Application
		1 = Escape Route / High Lumen if 6W or Ambiance if for France
		2 = Anti Panic
		5 = Mini Double Sided
		6 = Stairway
Posn 6:	C	= Test & communication
		2 = EST+
		3 = ESM
		4 = ESM RF
Posn 7:	D	= Light source
	3	= 1 x 3W LED
		6 = 2 x 3W LED
Posn 8:	E	= Mode of operation (only indicated if non-maintained)
		N = Non-maintained

Options

Code suffix S2	- 3 hr duration
Code suffix S3	- 8 hr duration
Code suffix S4	- Remote Control
Code suffix S7	- LON
Code suffix S9	- For mounting on E3/E5
Code suffix S11	- DALI
Code suffix Vxx	- Minor modifications
Code suffix-F	- Country code France
Code suffix-E	- Country code Spain
Code suffix X1	- Grey RAL9006 coating
Code suffix X2	- White RAL 9003 coating
Code suffix X5	- Chromated finish (Surtec 650)

Battery:

4 x 1,2 V: 1.1Ah	sealed NiMh
4 x 1.2 V: 2.2Ah	sealed NiMh
4 x 1,2 V: 4 Ah	sealed NiMh

Product data Centrally supplied

product	: Centrally supplied emergency lighting with LEDs
trade name	: ETAP
series	: K9R
product reference key	: K9RAB/D(E)-F(suffix) centrally supplied

Code variables:

Posn 4:	A	= Housing
		0 = Mini / module
		1 = Surface Mounted - Square
		2 = Recessed Mounted - Round
		3 = Recessed Mounted – Square
Posn 5:	B	= Application
		1 = Escape Route / High Lumen if 6W or Ambiance if for France
		2 = Anti Panic
		5 = Mini Double Sided
		6 = Stairway
Posn 7:	D	= Light source
	3	= 1 x 3W LED
	6	= 2 x 3W LED
Posn 8:	E	= Mode of operation (only indicated if non-maintained)
	N	= Non-maintained
Posn 9:	F	= Voltage
	230	= 220-230 V

Options

Code suffix S11	- DALI
Code suffix S20	- ESM for UPS
Code suffix C1	- With GFS Module KCADB
Code suffix C2	- With GFS Module KCFLEX
Code suffix Vxx	- Minor modifications
Code suffix-F	- Country code France
Code suffix-E	- Country code Spain
Code suffix X1	- Grey RAL9006 coating
Code suffix X2	- White RAL 9003 coating
Code suffix X5	- Chromated finish (Surtec 650)

TESTS**Test requirements**

EN 60598-1:2015

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

Test results

The test results are laid down in DEKRA test file 2196551.00.

Remarks

- The list of components is laid down in test report 2196551.50
- 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 in combination with EN 61347-1:2008 + A1:2011 + A2:2013.
The LED driver is accepted as a separately tested component.

Conclusion

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh



Checked by : H.J.H. te Lindert



Factory location

Etap N.V.
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