

CERTIFICATE

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

Licensee:
Etap N.V.
Antwerpsesteenweg 130
2390 Malle, Belgium

Product : Emergency luminaire with LED light source
Trade name(s) : ETAP
Type(s)/model(s) : K1R14*/1**** and K1R16*/1****

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 60598-1:2015/A1:2018, 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 947634

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 31 May 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-104130

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Emergency luminaire with LED light source
Trade name(s)	: ETAP
Type(s)/model(s)	: K1R14*/1**** and K1R16*/1****
Rated voltage	: For self-contained: 220 - 240 Vac For centrally supplied: 220 - 240 Vac/dc
Rated frequency	: For self-contained: 50 - 60 Hz For centrally supplied: 50 - 60 Hz; DC
Rated power	: 1 W
Ambient temperature	: $t_a = 25\text{ °C}$
Classification of use	: class II
Degree of protection of ingress of dust, solid object and moisture	: IP42
Degree of protection against external mechanical impact test	: IK04
Description	: Maintained and non-maintained self contained and centrally supplied emergency luminaire with LED light source internally lit sign (K1R14) or ambient light (K1R16).

TESTS**Test requirements**

EN 60598-1:2015
EN 60598-1:2015/AC:2015
EN 60598-1:2015/AC:2016
EN 60598-1:2015/A1:2018
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 222726000.

Additional information

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 3).

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 list of components is laid down at test report 2227260.50.

Conclusion

The examination proved that all requirements were met.

Factory location

Etap N.V.
Antwerpsesteenweg 130
2390 Malle, Belgium

Self-contained Luminaires

K1R	.	.		/	.	(-F)	(L.)	(S.)	(M.)	(V...)
										Variant () None Vxxx Small parametric deviation
										Mechanical Option () None M1 Tamperproof
										Electronic Options () None S2 3h autonomy S3 8h autonomy S4 Remote Control S5 LiFePO ₄ battery S11 Dali
										Lighting Options () None L2 5 lx
										Country () Europe -F France
										Power 1 1W
										Test 2 EST+ 3 ESM 4 ESM RF
										Application 4 Single Sided / Double Sided Signage 6 Comfort wall
										Installation 1 Surface Mounted
										Product Group K1R

Centrally Supplied Luminaires

K1R	.	.	/	.	-	...	(-F)	(L.)	(C.)	(S.)	(M.)	(V...)
												Variant () None Vxxx Small parametric deviation
												Mechanical Options () None M1 Tamperproof
												Electronic Options () None S11 DALI S20 ESM for UPS or non-EBS
												Modules () None C1 Adress C2 Adress+ Flexmodule C3 Adress+ Flexmodule (EBS Superior) C6 Adress+ Flexmodule (EBS compact)
												Lighting Options () None L2 5 Lx
												Country () Europe -F France
												Voltage 230 230V for EBS
												Power 1 1W
												Application 4 Single Sided / Double Sided Signage 6 Comfort wall
												Installation 1 Surface Mounted
												Product Group K1R