

# CERTIFICATE

Issued to:  
Applicant:  
**Etap Lighting International NV**  
**Antwerpsesteenweg 130**  
**2390 Malle, Belgium**

Licensee:  
**Etap Lighting International NV**  
**Antwerpsesteenweg 130**  
**2390 Malle, Belgium**

Product : Emergency lighting with LEDs  
Trade name(s) : ETAP  
Type(s)/model(s) : K2\*\*/\*\*

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(s) EN 60598-1:2015 and EN 60598-2-22:2014
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA 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 and under the conditions of the ENEC certification agreement.

This certificate is issued on 19 November 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-121419

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

Product	: Emergency lighting with LEDs
Trade name(s)	: ETAP
Type(s)/model(s)	: K2**/**
Rated voltage/nature of supply	: 220-230 Vac - for self-contained luminaire 110 Vac/dc or 220-230 Vac/dc - for centrally supplied luminaire
Rated frequency	: 50/60 Hz; DC
Rated lamp power	: 2 x 1 W, 1 x 3 W, 2 x 3 W
Class	: Class II
Standard rated duration of operation	: 1 hr
Degree of protection against dust, solid object and moisture	: IP65
Degree of protection against external mechanical impact	: IK10
Description	: Self-contained and centrally supplied emergency luminaires Suitable for ceiling / wall mount

### List of components

Component	Manufacturer/ Trade name	Type/Model	Approval mark <sup>1)</sup>
Screw terminal	Weco	323 FBW/GE/3	Kema-Keur
Screwless terminal	ETAP	AVX, 14 A	S.I. 2182408.00
Address module	CEAG	99*** V-CG-SLS-500 W	ENEC
Integral LED driver	ETAP	LEP K4E328, 230...240 V, 50/60 Hz, 6.5 W	DEKRA CB: 2175745.50
Internal wiring	Bonne/Eldra	H05V2-U/ (H) 072-U	KEMAKEUR
Battery	GP	GP125 AAMT; 4,8V; 1250mAh	*
Battery	GP	GP210AFHT; 4,8V; 2100mAh	*
Battery	GP	GP400LAHT; 4,8V; 4000mAh	*
Battery	Saft	VHT CS U; 4,8V; 2000 mAh	*
Battery	Saft	VHT 7/5 CS U; 4,8V; 4000mAh	*

<sup>1)</sup> \* indicates a component tested as part of the appliance

## TESTS

### Test requirements

EN 60598-1:2015  
EN 60598-2-22:2014

### Test result

The test results are laid down in DEKRA test file 218582500, 226050400.



**Additional information**

- 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 Luminaires also fulfil the requirements of 62262 / IEC/TR 62969 with regard to protection provided by enclosures for electrical equipment against external mechanical impacts, IK10.
- Emergency luminaire is suitable for normally flammable surfaces.
- Luminaire are suitable for ceiling or wall mounting.
- The luminaire can be suspended with steel brackets.
- The emergency luminaire is only for fixed connection to the installation wiring.
- The luminaire can be provided with a sign. This could be single or double signage.

This certificate replaces certificate No. 2185825.01 which we hereby declare invalid.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Etap Lighting International NV  
Antwerpsesteenweg 130  
2390 Malle, Belgium

**Product data (self-contained)**

Code variables:

**K2**ab/c suffix**K2** Product name series**a** = Application

- 1 = Light: escape route/ambiance
- 2 = Light: anti panic
- 3 = Single sided
- 4 = Double sided
- 6 = Comfort
- 8 = Outdoor lighting

**b** = Test & communication

- 1 = EST
- 2 = EST+
- 3 = ESM
- 4 = ESM RF
- 5 = ESM RF2

**c** = Lamp

- 2 = 2 x 1 W LED
- 3 = 1 x 3 W LED
- 6 = 2 x 3 W LED

**- Options:**

Code suffix S1 – Looping in wiring

Code suffix S2 – 3h duration

Code suffix S3 – 8h duration

Code suffix S4 – Remote control

Code suffix O – Battery heating

Code suffix S7 – LON

Code suffix S8 – Voltage free contact

Code suffix S9 – E3/E5 in-line system

Code suffix S10 – EIB

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 220 V 60 Hz

**Product data (centrally supplied)**

Code variables:

**K2a/c-d suffix****K2** = Product name series**a** = Application

- 1 = Light: escape route/ambiance
- 2 = Light: anti panic
- 3 = Single sided
- 4 = Double sided
- 6 = Comfort
- 8 = Outdoor lighting

**c** = Lamp

- 2 = 2 x 1 W LED
- 3 = 1 x 3 W LED
- 6 = 2 x 3 W LED

**D** = Rated voltage

- 230 = 220-230 Volt
- 110 = 110 Volt

**- Options:**

Code suffix S1 – Looping wiring

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 -V220 – With CEAG LED driver 220V 60Hz

Code suffix -V221 – With ETAP LED driver 220V 60Hz