

CERTIFICATE

Number: **2127690.01**

Issued to:
Applicant:
Ecoluxx Europe B.V.
Jan Campertstraat 5
6416 SG, Heerlen, The Netherlands



Manufacturer/Licensee:
Ecoluxx Europe B.V.
Jan Campertstraat 5
6416 SG, Heerlen, The Netherlands

Products : luminaires with fluorescent lamps
Trade name : ECOLUXX
Types : EcoES 28W230XR, EcoES 28WR230XR, EcoES 35W230XR, EcoES 35WR230XR

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA Quality hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60598-1:2008; EN 60598-2-1:1989
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2127690

KEMA Quality hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: October 14, 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood
Managing Director

H.J. Brouwer
Certification Manager

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

products	:	luminaires with fluorescent lamps
trade name	:	ECOLUXX
types	:	EcoES 28W230XR, EcoES 28WR230XR, EcoES 35W230XR, EcoES 35WR230XR
rated voltage	:	220...240 V
nature of supply	:	ac
rated frequency	:	50...60 Hz
rated current	:	see product data per type
rated lamp wattage	:	see product data per type
class	:	II
description	:	energy saver for converting T8 to T5 lamp

Additional information

- Equipped with G5 lampholder
- All product with G13 lamp cap as supply terminal

Product data - type EcoES 28W230XR

rated current	:	0,12...0,16 A
rated lamp wattage	:	T5 28 W

Product data - type EcoES 28WR230XR

rated current	:	0,12...0,16 A
rated lamp wattage	:	T5 28 W

Product data - type EcoES 35W230XR

rated current	:	0,15...0,2 A
rated lamp wattage	:	T5 35 W

Product data - type EcoES 35WR230XR

rated current	:	0,15...0,2 A
rated lamp wattage	:	T5 35 W

TESTS

Test requirements

EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

Test results

The test results are laid down in - and TRF No. 2127690.50-QUA/LI.

Test results


The test results are laid down in KEMA Quality test file 2127690.01.

Conclusion

The examination proved that all test requirements were met.

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

Checked by : H.J.H. te Lindert



Factory location

Licom Industriële Diensten
Wenkebachstraat 10, 6466 NC, Kerkrade
The Netherlands

List of components

Component	trade name	type/model	approval mark ¹⁾
Enclosure	Ecoluxx	F079/04	*
G13 lamp cap	Ecoluxx	special neck lamp holder	*
G5 lamp holder	Ecoluxx	special neck lamp holder	*
PCB	Ecoluxx	T5 ECG V4.4	*
X capacitor	Faratronic	MKP62	*
Internal wire	ELDRA	0,5 mm ² ; 300 V (input and output part)	KEMA-KEUR
Fuse	Littelfuse	02180001.MXP	*
Insulated lining	Misubishi Polyester film	Hostaphan	UL
Electronic ballast	Ecoluxx	220 - 240 V, 50 - 60 Hz, U-OUT = 300 V	*

¹⁾ * indicates a component tested as part of the appliance