

# CERTIFICATE

KEMA No.: 2124318.01

Issued to:  
Applicant:

**Lumotech Holland B.V.**  
**Celciusstraat 20**  
**1704 RW, HEERHUGOWAARD, The Netherlands**

Manufacturer/Licensee:  
**Lumotech Holland B.V.**  
**Celciusstraat 20**

**1704 RW, HEERHUGOWAARD, The Netherlands**

Product : LED convertor  
Trade names : CLS, ELC, LUMOTECH, NEWLEC  
Types : L05020 LEDlight 1-12 VA



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

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

- a type test according to the standard EN 61347-1:2008; EN 61347-2-13:2006; EN 62384:2006
- an inspection of the production location according to GENELEC Operational Document CIG 021
- a certification agreement with the number 982938

KEMA 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: 27 May 2009 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**

Product	:	LED convertor
trade names	:	CLS, ELC, LUMOTECH, NEWLEC
types	:	CLS MT10 LED Driver CLS MT53 LED Driver ELC L05020 LEDlight 1-12VA LUMOTECH L05020 LEDlight 1-12VA Newlec HES 57
rated current	:	350 mA, 700 mA
input rated voltage	:	110-240 V
output rated voltage	:	32 Vdc
nature of supply	:	ac
rated frequency	:	50-60 Hz
rated input	:	14.6 W
rated ambient temperature	:	50 °C
maximum case temperature	:	tc=85 °C
temperature declared thermally	:	110 °C
protected convertor	:	
class	:	II
degree of protection	:	IP20
description	:	independent convertor

**Additional information**

- designed for 1-9 LEDs x 1W (350 mA) or 1-4 LEDs x 3W, (700 mA).

**Product data - type CLS MT10 LED Driver**

input rated voltage	:	110-240 V
output rated voltage	:	32 Vdc max
rated frequency	:	50-60 Hz

**Product data - type CLS MT53 LED Driver**

input rated voltage	:	110-240 V
output rated voltage	:	32 Vdc max
rated frequency	:	50-60 Hz

**Product data - type ELC L05020 LEDlight 1-12VA**

input rated voltage	:	110-240 V
output rated voltage	:	32 Vdc max
rated frequency	:	50-60 Hz

**Product data - type LUMOTECH L05020 LEDlight 1-12VA**

input rated voltage	:	110-240 V
output rated voltage	:	32 Vdc max
rated frequency	:	50-60 Hz

**Product data - type Newlec HES 57**

input rated voltage	:	110-240 V
output rated voltage	:	32 Vdc max
rated frequency	:	50-60 Hz



**TESTS**

**Test requirements**

EN 61347-1:2008  
EN 61347-2-13:2006  
EN 62384:2006

**Test result**

The test results are laid down in KEMA test file 2124318.01.

**Conclusion**

The examination proved that all test requirements were met.

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

Checked by : P.G.J. Wouters

**Factory locations**

Lumotech Holland B.V.,  
Celciusstraat 20, 1704 RW, HEERHUGOWAARD, The Netherlands



**List of components**

Component	trade name	type/model	approval mark <sup>1)</sup>
screwsless terminals	Stelvio	MRT24	VDE

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