

CERTIFICATE

KEMA No.: **2120390.02**

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 : DIALIGHT-LUMIDRIVES, LUMOTECH, NEWLEC
Types : HES 61, LEDlight 1-20VA 0.25-1A DIM 0-10V, pulse, VARILED-i

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 CENELEC 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: November 17, 2008 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.



drs. G.J. Zoetbrood
Managing Director

P.G.M. Roelofs
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	:	DIALIGHT-LUMIDRIVES, LUMOTECH, NEWLEC
types	:	HES 61, LEDlight 1-20VA 0.25-1A DIM 0-10V, pulse VARILED-i
maximum rated current	:	250 mA - 1000 mA
input rated voltage	:	110-240 V
nature of supply	:	ac
rated frequency	:	50-60 Hz
output 1	:	250 mA - 1000 mA
output 2	:	250 mA - 500 mA
rated input	:	1-24 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 load of two channel 1-9 LEDs
- driver is dimmable with 0-10V device and pulse switch or an potential device
- channel one output current between 250-1000 mA
- channel two output current between 250-500 mA

Product data - type HES 61

input rated voltage	:	110-240 V
output rated voltage	:	33 Vdc max
rated frequency	:	50-60 Hz

Product data - type LEDlight 1-20VA 0.25-1A DIM 0-10V, pulse

input rated voltage	:	110-240 V
output rated voltage	:	33 Vdc max
rated frequency	:	50-60 Hz

Product data - type VARILED-i

input rated voltage	:	110-240 V
output rated voltage	:	33 Vdc max
rated frequency	:	50-60 Hz

TESTS**Test requirements**

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

Test result(s)

The test results are laid down in KEMA test file 2120390.02.

Conclusion

The examination proved that all test requirements were met.

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

Checked by : T. Drost *B.A.*

J. Michels
T. Drost
BRONSVUURT

Factory location

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

List of components

Component	trade name	type/model	approval mark ¹⁾
screwless terminals	Stelvio	MRT24	VDE
¹⁾ * indicates a component tested as part of the appliance			