

CERTIFICATE

Issued to:
Applicant:
Lumotech Holland B.V.
Berenkoog 56
1822 BZ Alkmaar
The Netherlands

Manufacturer/Licensee:
Lumotech Holland B.V.
Berenkoog 56
1822 BZ Alkmaar
The Netherlands

Product : Electronic LED drivers
Trade name : LUMOTECH
Types : L05025, L05031, L05032-24CV1050, L05032R, L05033-48700, L05040, L05044, L05045, L05046, L05049, L05049-601000, L05055 and L05059.

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 61347-1:2008; EN 61347-2-13:2014; EN 62384:2006
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 982938

DEKRA 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: 12 October 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2184521.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.J. Brouwer
Certification Manager

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DUTCH ACCREDITATION
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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Electronic LED drivers
trade name	: LUMOTECH
types	: L05025 L05031 L05032-24CV1050 L05032R L05033-48700 L05040 L05044 L05045 L05046 L05049 L05049-601000 L05055 L05059
input voltage	: see product data per type
nature of supply	: ac
rated frequency	: 50 / 60 Hz
output current	: see product data per type
output voltage	: see product data per type
output power	: see product data per type
max. case temperature (tc)	: see product data per type
ambient temperature (ta)	: see product data per type
power factor (pf)	: see product data per type
description	: independent LED driver

Additional information

- Output current range can be adjusted with resistors.
- The LED driver has fourfold protection: Thermal, short circuit, overvoltage and open circuit protected.
- Driver complies according to the VDE0710 Teil 10 (MM sign) and can be used for built-in into furniture.

Product data - type L05025

input voltage	: 160 - 240 V
output current	: 100 - 1000 mA
output voltage	: 43 Vdc max.
output power	: 30 W max.
max. ambient temperature	: 50 °C
max. case temperature	: 65 °C
power factor	: 0,98

Product data - type L05031

input voltage	: 180 - 240 V
output current	: 100 - 1400 mA
output voltage	: 43 Vdc max.
output power	: 30 W max.
max. ambient temperature	: 45 °C
max. case temperature	: 85 °C
power factor	: 0,97C

Product data - type L05032-24CV1050

input voltage	: 130 - 240 V
output current	: 1050 mA
output voltage	: 25 Vdc max.
output power	: 18 - 25 W max.
max. ambient temperature	: 45 °C
max. case temperature	: 85 °C
power factor	: 0,96

Product data - type L05032R

input voltage	: 180 - 240 V
output current	: 500 - 1050 mA
output voltage	: 48 Vdc max.
output power	: 33 W max.
max. ambient temperature	: 45 °C
max. case temperature	: 85 °C
power factor	: 0,97

Product data - type L05033-48700

input voltage	: 220 - 240 V
output current	: 700 mA
output voltage	: 48 Vdc max.
output power	: 33 W max.
max. ambient temperature	: 45 °C
max. case temperature	: 84 °C
power factor	: 0,97C

Product data - type L05040

input voltage	: 160 - 240 V
output current	: 100 - 1000 mA
output voltage	: 55 Vdc max.
output power	: 40 W max.
max. ambient temperature	: 40 °C
max. case temperature	: 65 °C
power factor	: 0,98

Product data - type L05044

input voltage	: 110 - 240 V
output current	: 300 - 1400 mA
output voltage	: 32 Vdc max.
output power	: 40 W max.
max. ambient temperature	: 60 °C
max. case temperature	: 80 °C
power factor	: 0,97

Product data - type L05045

input voltage	: 110 - 240 V
output current	: 300 - 1400 mA
output voltage	: 32 Vdc max.
output power	: 40 W max.
max. ambient temperature	: 60 °C
max. case temperature	: 80 °C
power factor	: 0,97

Product data - type L05046

input voltage	: 110 - 240 V
output current	: 1700 mA
output voltage	: 24 Vdc
output power	: 40 W max.
max. ambient temperature	: 60 °C
max. case temperature	: 80 °C
power factor	: 0,97

Product data - type L05049

input voltage	: 110 - 240 V
output current	: 245 - 1050 mA
output voltage	: 60 Vdc max.
output power	: 40 W max.
max. ambient temperature	: 50 °C
max. case temperature	: 80 °C
power factor	: 0,98

Product data - type L05049-601000

input voltage	: 110 - 240 V
output current	: 245 - 1050 mA
output voltage	: 60 Vdc max.
output power	: 40 W max.
max. ambient temperature	: 55 °C
max. case temperature	: 72 °C
power factor	: 0,98

Product data - type L05055

input voltage	: 230 V
output current	: 700 - 2000 mA
output voltage	: 46 Vdc max.
output power	: 60 W max.
max. ambient temperature	: 50 °C
max. case temperature	: 85 °C
power factor	: 0,99

Product data - type L05059

input voltage	: 220 - 240 V
output current	: 500 - 1400 mA
output voltage	: 60 Vdc max.
output power	: 60 W max.
max. ambient temperature	: 45 °C
max. case temperature	: 75 °C
power factor	: 0,98

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test result

The test results are laid down in DEKRA test file 2184521.00.

Remarks

This certificate supersedes the certificate no. 2178357.01

- For component list refers to test report 2184521.50

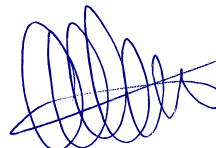
Conclusion

The examination proved that all test requirements were met.

Tested by : J.G.H. Gelink



Checked by : A.P. van der Veen



Factory location

Lumotech Poland Sp.z.o.o.
Ul. Melgiewska 30F
20-234, Lublin
Poland