

CERTIFICATE

Issued to:
Applicant:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven
The Netherlands

Manufacturer/Licensee:
Philips Lighting B.V.
High Tech Campus 45
5656 AE Eindhoven
The Netherlands

Product : Electronic driver for LED modules
Trade name : PHILIPS
Type : Xi FP 110W 0.3-1.0A NLD 230V C150 sXt

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 + A1:2011 + A2:2013; EN 61347-2-13:2014; EN 62384:2006 + A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

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.

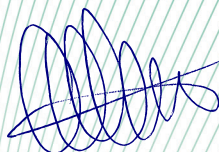
This certificate is issued on: 22 July 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2184600.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



A.P. van der Veen
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Electronic driver for LED modules
trade name	: PHILIPS
type	: Xi FP 110W 0.3-1.0A NLD 230V C150 sXt
rated current	: 0,56..0.50 A
rated voltage	: 220-240 V
rated input power	: 122 W
nature of supply	: ac
rated frequency	: 50/60 Hz
max.case temperature (tc)	: 90 °C
power factor	: 0.95
output voltage	: 60-200 V
output current	: 100-1000 mA
max. output voltage	: 280 V

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 2184600.00.

Remarks

The insulation between Input / output to LED-Output is tested for Double insulation.

The insulation between Input/Output/Control to housing is tested for Double insulation.

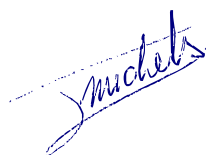
The insulation between Mains Input/Line to DALI terminal is tested for Basic insulation.

Conclusion

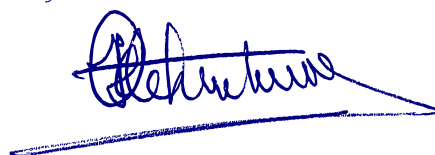
The examination proved that all test requirements were met.

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturers right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (Supervised Manufacturers Testing).

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



Checked by : H.J.H. te Lindert



Factory location

Philips Lighting Electronics Poland
ul Przemysłowa 29
64-920 Pila
Poland

List of components

Component	trade name	type/model	approval mark ¹⁾
Fuse X101/X102	Littelfuse	382 TR5 3.15 A 250 V	VDE
Varistor R100/R101/R103	Epcos	SIOV-Q 320 V	VDE
C100/C101 X cap	Epcos	B32922 330 nF	VDE
C102 Y-cap	Murata	KX series 2.2 nF	VDE
C209 Y cap	Murata	KX serie 470 pF	VDE
C 106 X cap	Epcos	B32922 220 nF	VDE
C 401 Y cap	Murata	KX serie 4.7 nF	VDE
Trafo L203	Meixing	EF20/11 7 mH	*
Trafo L105	Midcom/Wurth	EE16/7/5 2 mH	*
U207/U302/U303/U107/U108 optocoupler	Vishay	SFH 6156	VDE
U207/U302/U303/U107/U108 optocoupler	Vishay	VOL617A	VDE
PCB mainboard	Several	FR4	UL/*
X 105 Connector	WAGO	804 serie	ENEC
X 106 Connector	WAGO	805 serie	ENEC
Chassis	Plastruco	PA 66	*
Cover	Plastruco	PA66	*
¹⁾ * indicates a component tested as part of the appliance			