

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
Types : Xitanium 35W 0.08-0.35A 150V SR 230V
Xitanium 60W 0.08-0.35A 220V SR 230V
Xitanium 60W 0.08-0.35A 300V SR 230V

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 2037471

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: 15 March 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2215561.01

DEKRA Certification B.V.



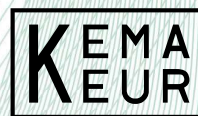
drs. G.J. Zoetbrood
Managing Director



T.M.H. van Huët
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Electronic driver for LED modules
trade name	:	PHILIPS
types	:	Xitanium 35W 0.08-0.35A 150V SR 230V Xitanium 60W 0.08-0.35A 220V SR 230V Xitanium 60W 0.08-0.35A 300V SR 230V
rated input current	:	see product data per type
rated input voltage	:	220-240 V
nature of supply	:	ac/dc
rated frequency	:	50/60 Hz; DC
rated input power	:	see product data per type
output current range	:	0.08 - 0.35 Adc
output voltage range	:	see product data per type
Uout max (open load voltage)	:	see product data per type
output power	:	see product data per type
power factor (pf)	:	0.9C
max. case temperature (tc)	:	75 °C
ambient temperature range (ta)	:	-25... +50 °C

Additional information

- The insulation between Input / Output and PE / metal housing is Basic Insulation
- The insulation between SR and PE / metal housing is Basic Insulation
- The insulation between Input / Output and SR is Double Insulation
- The driver is suitable for emergency luminaires in compliance with IEC 60598-2-22, excluding high-risk task areas.
- Temperature declared thermal protection: 110 °C
- The use of an external, luminaire-based DC rated fuse with sufficient DC voltage rating and breaking capacity is required. Suggested fuses (per each driver):
 - 3.15A 400VDC 1.5kA BC, 5x20mm Slo-Blo® 477 series from Littelfuse
 - 3.15A 250VDC 10kA BC, 5x20mm Fast 7008913,3.15 from Siba
 - 3.15A 400VDC 30kA BC, 6.3x32mm gPV 7006526,3.15 from Siba

Product data - type Xitanium 35W 0.08-0.35A 150V SR 230V

rated input current	:	0,18 A
rated input power	:	39 W
output voltage range	:	50-150 Vdc
Uout max. (open load voltage)	:	180 V
output power	:	35 W

Product data - type Xitanium 60W 0.08-0.35A 220V SR 230V

rated input current	:	0,30 A
rated input power	:	66 W
output voltage range	:	50-220 Vdc
Uout max. (open load voltage)	:	250 V
output power	:	60 W

Product data - type Xitanium 60W 0.08-0.35A 300V SR 230V

rated input current	: 0,30 A
rated input power	: 66 W
output voltage range	: 100-300 Vdc
Uout max. (open load voltage)	: 330 V
output power	: 60 W

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013
EN 61347-2-13:2014
EN 62384:2006 + A1:2009

Test results

The test results are laid down in DEKRA test file 2215561.00.

Remark

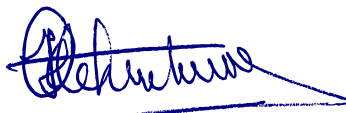
The list of components is laid down in test report 2215561.50

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 manufacturer's right to conduct type tests for the KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 3)

Supervised by : H.J.H. te Lindert




Checked by : L.N.H. Huynh



