

LUXIA

Electronic transformers 0-60 W / 0-105 W

Application Optimum operation of 12V LED retrofit lamps and 12V halogen lamps.

- Description**
- Compact design and low weight
 - No minimum load required
 - Dimmable via trailing edge phase dimmers
 - Suitable for installation in niches or furniture

1. Specifications



0-60 W



0-105 W

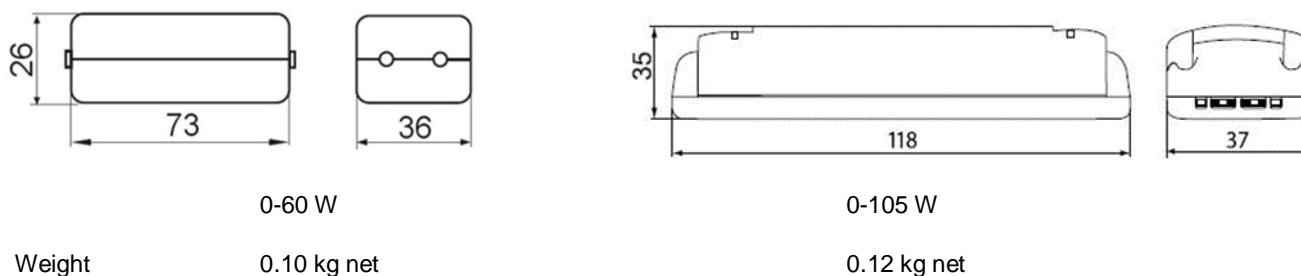
Designation	LUXIA electronic transformer
Part no.	See 2. Versions
Primary voltage	230 VAC \pm 10%, 50 Hz Also suitable for 230 VDC operation (e.g. emergency power supply)
Secondary voltage	11.5 VAC
Power range	0-60 W or 0-105 W; no minimum load required
Power factor	$\cos \phi > 0.99$
Compatibility	Suitable for SORAA 12 V LED retrofit lamps („Works with SORAA“) and 12V halogen lamps. Also suitable for 12 V LED retrofit lamps of other make. Compatibility is subject to verification. Important: When connecting multiple LED retrofit lamps to one electronic transformer you must not utilise the full nominal load. The maximum acceptable number of LED retrofit lamps is mainly determined by the inrush current of the chosen LED retrofit lamp and may vary by brand. Rule of thumb: Total LED load \leq 40% of the nominal load of the transformer (without dimming))
Dimming	Via trailing edge phase dimmer; to be installed on primary side
Housing	Plastic
Electrical connection	0-60 W: 10 cm cable, idle cable ends (primary: 2x 0.5mm ² , secondary: 2x 1.0 mm ²) 0-150 W: Terminals (primary: 2x min. 0.5 mm ² , secondary: 4x min. 1.0 mm ²) Secondary cable length between 30 cm and 2 m
Ambient temperature	0°C up to +40 °C
Protection class	IP40

Safety Overvoltage protection, short circuit protection, overload protection (load > 200% P_n), thermal protection (shut-off at ≥ 100°C)
 Suitable for installation in niches or surfaces of undefined flammability class, e.g. furniture.

2. Versions

Designation	Art. no.	Power range	Primary current	Secondary current, max.	Safety class	T _c , max.
LUXIA 0-60 W	103985	0-60 W	0.27 A	5.0 A	-	80 °C
LUXIA 0-105 W	103987	0-105 W	0.45 A	9.5 A	SK II	75 °C

3. Dimensions



4. Conformity

Compliance with standards and directives (including all applicable amendments):

- Low voltage directive LVD 2014/35/EU UK S.I. 2016:1101
- RoHS directive 2011/65/EU und 2015/863/EU UK S.I. 2012:3032
- EMC directive 2014/30/EU UK S.I. 2016:1091
- ErP directive 2009/125/EC UK S.I. 2010:2617
- EN 61347-1:2015 + A1:2021
- EN 61347-2-2:2012
- EN IEC 55015:2019 + A11:2020
- EN IEC 61000-3-2:2019 + A1:2021
- EN 61000-3-3:2013 + A1:2019
- EN 61547:2009
- EN IEC 63000:2018
- Commission regulations (EU) 2019/2020 and 2021/341

