

ROBUS[®]

QUALITY PRODUCTS BY LED GROUP

LEB60D

60W dimmable electronic transformer

Please read instructions before commencing installation and retain for future reference.



Specification:

Dimmable electronic transformer for up to 60W of 12V lamps with safety extra low voltage (SELV) equivalent output for class III light fittings (12V).

Rated supply Voltage/frequency: 240V~50Hz
Rated output Voltage/frequency: 11.8V~30KHz

Model No.: LEB60D
Watt range: 20~60W
Primary Amperage: 0.25A
Secondary Voltage: 11.8V
Ambient temperature: -5°C~+50°C
Max. case temperature: 70°C
Leads: primary (pvc): 25cm 0.75mm²
Secondary (silicon): 25cm 0.75mm²

Wire length: Min: 30 cm from lighting unit to transformer
Max: 2 meters

Features:

- Preheat function: protects against current surge
- Secondary side short circuit protection: short circuit protection
- Detect overload design: over load protection
- Dimmable with most standard dimmers
- Safety Extra Low Voltage output (SELV)

Operation:

The transformer is designed to be used exclusively with 12V halogen lamps. Soft start protects filaments and prolongs lamp life. In case of short circuit and overload, the unit shall automatically reset when fault is removed.

Attention:

Electronic transformers may be used in the same circuit as inductive loads (fluorescent lamps, discharge lamps, ventilating fans etc.) as long as the inductive load does not exceed 2A. Under load on transformer may lead to flickering. Conventional and electronic transformers cannot be used with the same dimmer. The length of the secondary wire (12V side) must not exceed 2 meters to avoid radio interference problems.

Information for the Product user

1. Please note the requirement to dispose of Waste Electrical & Electronic Equipment separately from household waste (WEEE marked with crossed out wheelie bin symbol).
2. Please consider your role in contributing to re-use and recycling by returning this product at end of life to a collection centre for waste electrical equipment or a Civic Amenity site, or to a retail outlet from which you are purchasing a replacement.
3. This equipment may contain substances that are hazardous to health and the environment if disposed of carelessly. It is important that it is separated from normal household waste and recycled in the WEEE chain
4. The "crossed out wheelie bin symbol" on a product indicates this equipment must not be disposed of in normal household waste, but should be disposed of according to local WEEE regulations

The Installation must be carried out by an electrician

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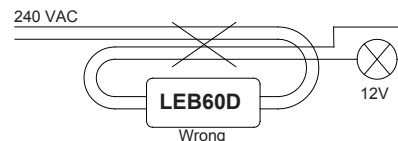
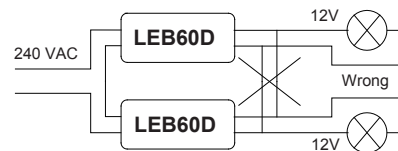
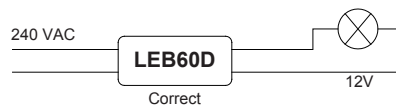


Guidelines:

Caution!

Do not lead the primary line parallel to the 12V output cables.

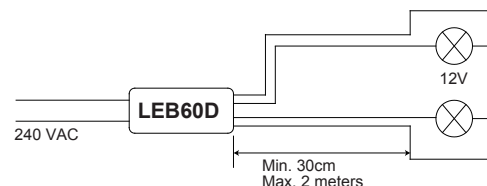
Do not join output wires from other transformers



Length of connections:

Avoid having transformer too close to the lamp heat.

12V cables are potential radio interference broadcast antenna keep them shorter than 2m



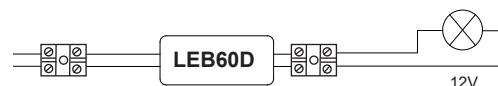
Installation (wiring):

Warning to Electrical installers!

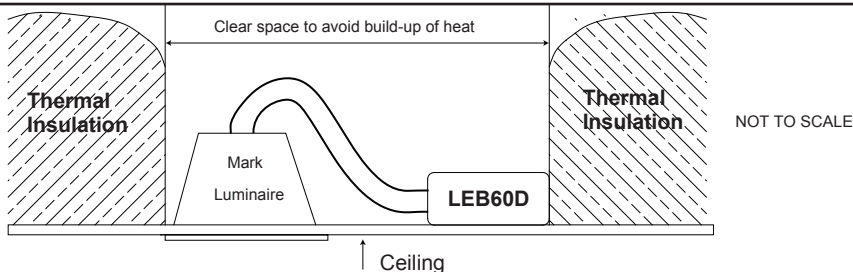
Do Not load the transformer over its maximum wattage as indicated.

Do Not test-Meggar Electronic Transformers.

Tighten connections fully



Installation (ceiling):



Installing Extra Low Voltage Lighting in ceiling space.

Avoid excessive heat build-up by clearing insulation around luminaire and Electronic Transformer

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