ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ LOW VOLTAGE MINIATURE UNIVERSAL AIRTIGHT NON-IC HOUSING



Housing · 4″

4" new construction housing with a magnetic or electronic transformer. Uses a GU5.3 Bi-Pin socket for use with Bi-Pin LED MR16 lamps.

FEATURES

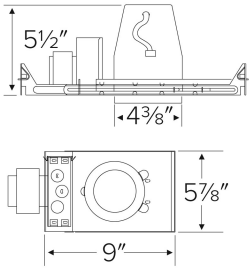
•Single wall airtight construction.
•Trims sold separately.
•Lamp: 50W MAX 12V MR16 GU/GX5.3 bi-pin. Lamp Not Included.

EL1499A Magnetic Transformer recommended for use with 20W-50W lamps only.

EL1499EA Electronic Transformer recommended for use with 3W-50W LED or Halogen Lamps.

•Lamp Holder: MR16 GU/GX5.3 bi-pin socket.
•Note: Use only dimmers specifically designed for use with electronic transformer.

DIMENSIONS



SPECIFICATIONS

Wattage	50 · 20 W
Voltage	120V · 277V
Lamp type	GU5.3 BiPin
Aperture	4"
Transformer type	Magnetic Transformer · Electronic Transformer

ITEM NUMBERS

ITEM NUMBER	LAMP TYPE	WATTS	VOLTAGE	TRANSFORMER TYPE
EL1499A	GU5.3 BiPin	50W	120V	Magnetic Transformer
EL1499EA	GU5.3 BiPin	50W	120V	Electronic Transformer

Item page
elcolighting.com/items/4-low-voltage-miniature-universal-airtight-non-ic-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ Low Voltage GU5.3 Housings and Trims

↓ Dimmer compatibility list
elcolighting.com · Dimmer Compatibility List

TECHNICAL DETAILS

Construction:

- Single wall new construction.
- Housing adjusts in frame to accommodate up to 1 1/4" ceiling thickness.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.
- Steel housing for greater heat dissipation. Stamped galvanized steel frame.

Installation: Designed for ceiling plenums where 2x6 joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 4 1/4". Suitable for T-grid and drop

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ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts, four 3/4" knockouts with pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed hanger bars with True Nail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning the housings with the joists.

Electrical:

- Input Voltage: 120V AC.
- Output Voltage: 12V AC.
- Magnetic or electronic transformer available.
- Thermally protected against improper lamping.

Trims: Compatible with ELCO 4" MR16 trims.

Dimmability:

- Magnetic transformer dims with MLV type dimmers.
- Electronic transformer dims with ELV type dimmers.
- See dimming compatibility list for a full list of compatible dimmers.
- Note: Lamp used may affect dimmability.

Lamp: Lamp: 50W MAX 12V MR16 GU/GX5.3 bi-pin. Lamp Not Included. EL1499A Magnetic Transformer recommended for use with 20W-50W lamps only. EL1499EA Electronic Transformer recommended for use with 3W-50W LED or Halogen Lamps. Lamp Holder: MR16 GU/GX5.3 bi-pin socket

Listings: UL Listed (US and Canada) for Damp Location. UL Listed (US and Canada) for Wet Location with select trims. UL Listed (US and Canada) for Feed Through. UL Listed (US and Canada) for Direct Contact with Insulation and Combustible Material. Airtight per ASTM E-283. Install a JA8-2025-E lamp/luminaire for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 3 years.

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