ELCO Lighting

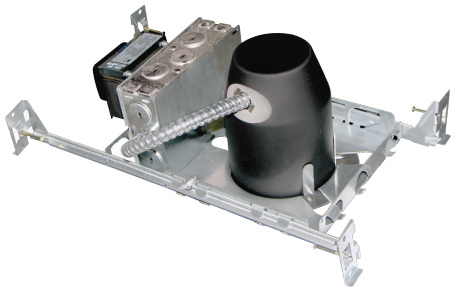
Project Name:

Fixture Type:

Date:

3″ LOW VOLTAGE AIRTIGHT HOUSING

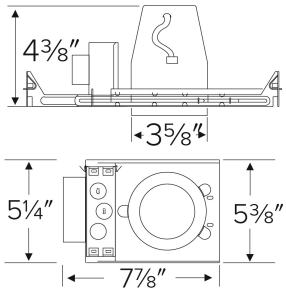
Housing · 3 5/8″



FEATURES

- 3" Low Voltage Airtight Universal Housing. Versatile, reliable, and easy to install.
- Lamp: 50W MAX 12V MR16 GU/GX5.3 bi-pin. Lamp Not Included. EL2699A Magnetic Transformer recommended for use with 20W-50W lamps only. EL2699EA Electronic Transformer recommended for use with 3W-50W LED or Halogen Lamps.
- Lamp Holder: MR16 GU/GX5.3 bi-pin socket

DIMENSIONS



SPECIFICATIONS

Wattage	50W
Voltage	120V → 12V
Aperture	3 5/8"
Transformer type	Magnetic Transformer · Electronic Transformer

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	TRANSFORMER TYPE
EL2699A	50W	120V → 12V	Magnetic Transformer
EL2699EA	50W	120V → 12V	Electronic Transformer

Item page
elcolighting.com/items/3-low-voltage-airtight-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

3″ Low Voltage GU5.3 Housings and Trims

↓ Dimmer compatibility list

elcolighting.com · Dimmer Compatibility List

TECHNICAL DETAILS

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. Aluminum housing for greater heat dissipation. Stamped galvanized steel frame.

Installation: Designed for ceiling plenums where 2x6 joists or taller are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 3 3/4". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Seven 1/2" trade size pryout conduit knockouts, 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-grids. Spans up to 24" and can be repositioned 90°. Score lines allow for tool-free

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hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning the housing 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 Low Voltage MR16 trims.

Dimmability:

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

Lamp: 50W MAX 12V MR16 GU/GX5.3 bi-pin. Lamp Not Included. EL2699A Magnetic Transformer recommended for use with 20W-50W lamps only. EL2699EA Electronic Transformer recommended for use with 3W-50W LED or Halogen Lamps.

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. 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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