EL **ELCO Lighting**

Project name: _____

Fixture type: _____

Date: _____

4" Low Voltage New Construction IC Airtight R-60 Foam Insulation Housing
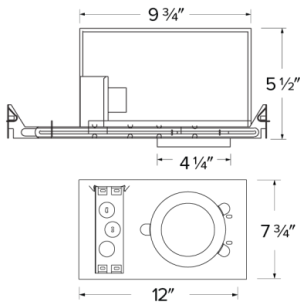
Features

- Double Wall New Construction IC Airtight R-60 Foam Insulation Housing with 12V thermally protected electronic transformer
- Trims sold separately
- Lamp: 12W MAX, 12V, MR16 GU/GX5.3 bi-pin LED/Halogen (not included)
- Lamp Holder: MR16 GU/GX5.3 bi-pin socket
- Note: Use only dimmers specifically designed for use with electronic transformers
- Suitable for Chicago Plenum construction

Technical Details

Construction:
- Double wall IC rated for direct contact with insulation, for use in IC or non-IC conditions.
- 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 easilty be nailed to joists. Maximum hole cutout is 4 1/4". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Two 3/4" knockouts slots.

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.

Electronic Transformer: Input Voltage: 120V AC. Output Voltage: 12V AC. Thermally protected against improper lamping.

Trims: Compatible with ELCO 4" MR16 trims.

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

Lamp: Designed for use with GU5.3 MR16 LED lamps.

Listings: cUL Listed for Damp Location. cUL Listed for Wet Location with select trims. cUL Listed for Feed Through. cUL Listed for Direct Contact with Insulation and Combustible Material. Airtight per ASTM E-283. Install a JA8-2016-E lamp/luminaire for Title 24 Compliance.

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

Specifications

Wattage	12W
Voltage	120V
Lamp Type	GU5.3 BiPin
Damp Location	Listed

Dimensions

9 ¾" 5 ½" 4 ¼" 7 ¾" 12"

Product Numbers

Item	Description	Lamp type	Watts	Voltage
EL1499AJICEA	4" Low Voltage IC Housing - Electronic	GU5.3 BiPin	12W	120V

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For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

Manufacturer	Product	Part Number	Dimmed Light Output Range
Lutron	Diva (gloss) 450W, single pole, magnetic low voltage dimmer	DVLV-600P	10% - 100%
	Maestro (gloss) 600W, single pole or multi-location, incandescent/halogen dimmer	MA-600	10% - 100%
	Maestro (gloss) 120V, 600W, single pole/multi-location, electronic low voltage dimmer	MAELV-600	10% - 100%
	Maestro 120V, 450W, single pole or multi-location, magnetic low voltage dimmer	MALV-600	10% - 100%

*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

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