

# 4" Low Voltage Remodel Housing for MR16 Bi-Pin

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.



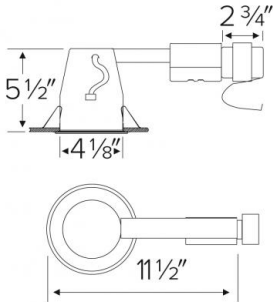
## Features

- Single wall airtight remodel construction.
- Trims sold separately.
- Lamp: 50W MAX 12V MR16 GU/GX5.3 bi-pin Lamp Not Included.  
EL1499RA Magnetic Transformer recommended for use with 20W-50W lamps only.  
EL1499REA 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.

## Specifications

Wattage	50W
Voltage	120V
Lamp Type	GU5.3 BiPin
Damp Location	Listed

## Dimensions



## Technical Details

- Construction:**
- Remodel airtight housing.
  - 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.

**Installation:** Designed for ceiling plenums where 2x6 joists or taller joists are used. Maximum hole cutout is 4 1/4". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

- Electrical:**
- Input Voltage: 120V AC.
  - Output Voltage: 12V AC.
  - Magnetic or electronic transformer available.
  - Thermally protected against improper lamping.
  - Note: Lamp used may affect dimmability.

**Trims:** Compatible with ELCO 4" MR16 trims.

- Dimmability:**
- Magnetic transformer dims with MLV type dimmers.
  - Electronic transformer dims with ELV type dimmers.
  - Dimmability based on lamp.

**Lamp:** Designed for use with GU5.3 MR16 LED lamps. Lamp Not Included. EL1499RA Magnetic Transformer recommended for use with 20W-50W lamps only. EL1499REA Electronic Transformer recommended for use with 3W-50W LED or Halogen Lamps.

- Listings:**
- cULus Listed for Damp Location.
  - cULus Listed for Wet Location with select trims.
  - cULus Listed for Feed Through.

## Product Numbers

Item	Description	Lamp type	Watts	Voltage
EL1499RA	Magnetic Transformer	GU5.3 BiPin	50W	120V
EL1499REA	Electronic Transformer	GU5.3 BiPin	50W	120V

- Airtight per ASTM E-283.
- Install a JA8-2016-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.



**ELCO Lighting**

# Dimmer Compatibility Chart

## Low Voltage System

### 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.