

# 3" Low Voltage Airtight Remodel Housing



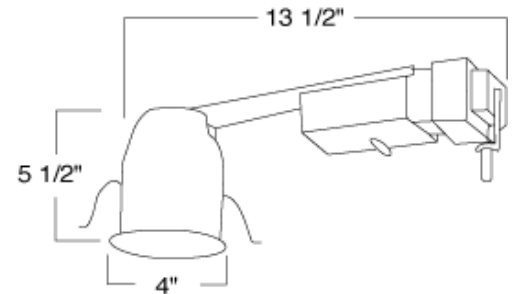
## Features

- Airtight Remodel Housing, single wall construction.
- Thermally protected magnetic transformer, 120V/12V/50W Magnetic AC.
- Lamp: 50W MAX 12V MR16 GU/GX5.3 bi-pin. Lamp Not Included. EL2699RA Magnetic Transformer recommended for use with 20W-50W lamps only. EL2699REA 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 used with magnetic transformer. Low voltage luminaires may produce audible sound when used with dimmers.

## Specifications

|                      |        |
|----------------------|--------|
| <b>Wattage</b>       | 50W    |
| <b>Voltage</b>       | 120V   |
| <b>Damp Location</b> | Listed |

## Dimensions



## 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.

**Installation:** Designed for ceiling plenums where 2x6 joists or taller are used. Maximum hole cutout is 3 3/4". 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.

**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. EL2699RA Magnetic Transformer recommended for use with 20W-50W lamps only. EL2699REA Electronic Transformer recommended for use with 3W-50W LED or Halogen Lamps.

### Listings:

- cUL Listed for Damp Location.
- cUL Listed for Wet Location with select trims.
- cUL Listed for Feed Through.
- 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.

## Product Numbers

| Item             | Description                                | Watts | Voltage |
|------------------|--|-------|---------|
| <b>EL2699RA</b>  | 3" Low Voltage Non-IC Housing - Magnetic   | 50W   | 120V    |
| <b>EL2699REA</b> | 3" Low Voltage Non-IC Housing - Electronic | 50W   | 120V    |



**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.