

| roject name: | |
|--------------|--|
| xture type: | |

Date:

6" Low Voltage Airtight IC Housing



Features

- Double wall IC construction, for use in insulated ceilings.
- Trims sold separately.
- Lamp: 50W 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 magnetic transformers. Low voltage luminaires may produce audible sound when used with dimmers.

Specifications

| Wattage | 50W | | | |
|----------------------|-------------|--|--|--|
| Voltage | 12V | | | |
| Lamp Type | GU5.3 BiPin | | | |
| Damp Location Listed | | | | |

Technical Details

Construction:

- \bullet 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 2x8 joists or taller joists are used. High strength hanger bars can easilty be nailed to joists. Maximum hole cutout is 6 1/2". 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 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.
- Thermally protected against improper lamping.

Trims: Compatible with ELCO 6" MR16 trims.

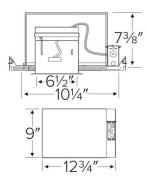
Dimmability:

- 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

Dimensions



Product Numbers

| Item | Lamp type | Watts | Voltage |
|----------|-------------|-------|---------|
| EL7LVICA | GU5.3 BiPin | 50W | 12V |

| 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. | | | | | | |
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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 |
|--------------|---|-------------|------------------------------|
| | Diva (gloss) 450W, single pole, magnetic low voltage dimmer | DVLV-600P | 10% - 100% |
| | incandescent/halogen dimmer | MA-600 | 10% - 100% |
| Lutron | 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.