

| Project name: | |
|---------------|--|
| Fixture type: | |
| Date: | |

3" New Construction Housing

3" 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 IC construction, for use in insulated or noninsulated ceilings.
- Flicker Free LED Dimming.
 - Lamp: MR16 GU/GX5.3 bi-pin LED (not included).
- Lamp Holder: MR16 GU/GX5.3 bi-pin socket.
- Trims sold separately.

Specifications

| Wattage | 12W | | |
|----------------------|--------------------------|--|--|
| Voltage | 120V | | |
| Lamp Type | LED | | |
| Wet Location | Listed with Shower Trims | | |
| Damp Location Listed | | | |

Technical Details

Construction:

- 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.
- 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 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.
- Max Wattage: 12W
- · 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: Designed for use with GU5.3 MR16 lamps.

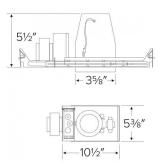
Options





Magnetic Transformer Electronic Transformer

Dimensions



Product Numbers

| Item | Description | Lamp type | Watts | Voltage |
|--------------|---------------------------|--------------|-------|---------|
| EL2699LDICA | Magnetic Transformer | LED | 12W | 120V |
| EL2699LDICEA | Electronic Transformer | LED | 12W | 120V |

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 products will be free from defects in materials and workmanship for a period of 3 years.



Dimmer Compatibility Chart

For Alpine™ System Housings EL1499LDICEA, EL2699LDICEA, E1499LDRICEA, E2699LDRICEA

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 |
|------------------|--|-------------|------------------------------|
| Leviton | Vizia Model, 120V AC 60Hz, 600W Electronic Low Voltage Load Type, Single Pole, 3-Way, 4-Way, Commercial/Residential | VPE06 | 10% - 100% |
| Lutron | Diva Model, 120V AC 60Hz, 600W Incandescent/Halogen Load Type, Single Pole, 3-Way, Commercial/Residential | DV-600P | 10% - 100% |
| | Nova Model, 120V AC 60Hz, 1000W Incandescent/Halogen Load Type, Single Pole, 3-Way, Commercial/Residential | NT-1000 | 10% - 100% |
| Best Performance | Diva Model, 120V AC 60Hz, 300W Electronic Low Voltage Load Type, Single Pole, 3-Way, Commercial/Residential | DVELV-300P | 10% - 100% |
| Best Performance | Nova Model, 120V AC 60Hz, 450W Electronic Low Voltage Load Type, Single Pole, 3-Way | NELV-450 | 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.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross refrence that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.







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