ELCO Lighting

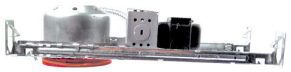
Project Name:

Fixture Type:

Date:

# 4″ LOW VOLTAGE SHALLOW HOUSING

**Housing · 4 1/4″**

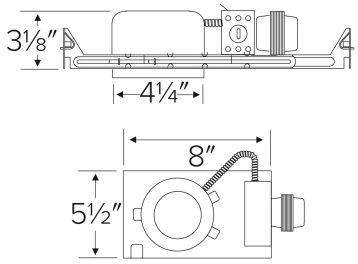


4" new construction housing with a magnetic or electronic transformer. Uses a GU5.3 Bi-Pin socket for use with Bi-Pin LED MR16 lamps.

## FEATURES

•Shallow single wall new construction.
•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.

## DIMENSIONS




## SPECIFICATIONS

| | |
|---|---|
| Wattage | 50W |
| Voltage | 120V |
| Lamp type | GU5.3 BiPin |
| Aperture | 4 1/4" |
| Transformer type | Magnetic Transformer · Electronic Transformer |

## ITEM NUMBERS

| ITEM NUMBER | LAMP TYPE | WATTS | VOLTAGE | TRANSFORMER TYPE |
|---|---|---|---|---|
| **EL1499S** | GU5.3 BiPin | 50W | 120V | Magnetic Transformer |
| **EL1499ES** | GU5.3 BiPin | 50W | 120V | Electronic Transformer |

**Item page**
elcolighting.com/items/4-low-voltage-shallow-housing
Every item number, IES files, downloads and the latest revision.

## PART OF THESE FAMILIES

4″ Low Voltage GU5.3 Housings and Trims

↓ Dimmer compatibility list

elcolighting.com · Dimmer Compatibility List

## TECHNICAL DETAILS

**Construction:**

- Shallow single wall new construction.
- Housing adjusts in frame to accommodate up to 1 1/4" ceiling thickness.
- 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 easily 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. 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-


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person installation while aligning the housings with the joists.

**Electrical:**

- Input Voltage: 120V AC.
- Output Voltage: 12V AC.
- Magnetic or electronic transformer available.
- Thermally protected against improper lamping.

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

**Dimmability:**

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

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

**Listings:** UL Listed (US and Canada) for Damp Location. UL Listed (US and Canada) for Wet Location with select trims. UL Listed (US and Canada) for Feed Through. Install a JA8-2025-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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