

## DESCRIPTION

EI400LVAT housing features an integral low voltage transformer. For use with MR16 lamps. It can be used in ceilings where it will be in direct contact with insulation. AIR-TITE™ design meets restricted airflow requirements.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## SPECIFICATION FEATURES

### Housing

- Double wall aluminum construction for greater heat dissipation.
- Gasketed to prevent airflow from heated or air conditioned spaces.

### Plaster Frame

- Galvanized steel construction.
- The inner housing can be removed from the plaster frame to provide access to the junction box.
- Plaster frame includes locking screws for hanger bars and cutouts for crimping hanger bars in position.
- AIR-TITE gasket is pre-installed.

### Junction Box

- Positioned to accommodate straight conduit runs.
- Seven conduit knockouts are uniform 1/2" size with true pryout slots.
- Four pryouts with integral strain relief simplify "NM" non-metallic sheathed cable installation.
- Three quick connect wire connectors included.

### ALL-NAIL™ Bar Hangers

Bar Hanger features include:

- Pre-installed nail.
- Mini leveling foot aligns the housing to the bottom of the joist.
- Housing can be positioned at any point within 24" joist spans
- Score lines allow tool-free shortening for narrow joist spacing.
- Bar hangers may be repositioned 90° on plaster frame
- Integral T-bar clip snaps onto T-bars – no additional clips are required

### Socket

Ceramic socket with reflector for bi-pin 12V, MR16 lamps.

### Transformer

120V Integral magnetic transformer steps line voltage down to lamp operating voltage.

### Thermal Protector

Thermal protector deactivates fixture if overheating occurs due to improper lamping.

### Labels

- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location – Covered Ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Direct Contact with Insulation and combustible material

### Qualification

#### IC and AIR-TITE™

Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:

- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 "Recessed Luminaires in Insulated Ceilings."



## EI400LVAT

**4" Insulated Ceiling**  
**Low-Voltage**  
**AIR-TITE™**  
**Recessed Housing**

**4" TRIMS**

**FOR USE IN**  
**INSULATED CEILINGS**

**FOR DIRECT CONTACT**  
**WITH INSULATION**

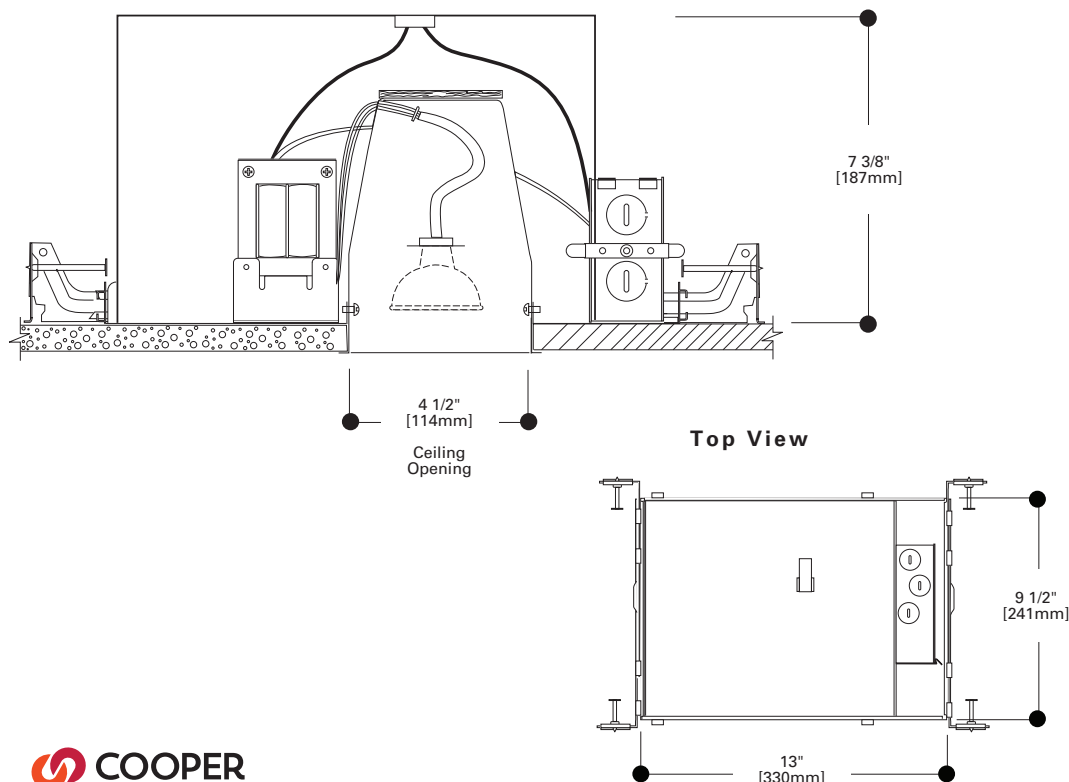
### Transformer Data:

Type: Magnetic  
Primary: 120VAC, 60 Hz  
Secondary: 11.5 ±0.3V

*airtite*™

**ALL-PRO**  
**ALL-NAIL**

*Quick Connect*™



## TRIMS

## ORDERING INFORMATION

Order housing, trim and accessories separately.

## Housing

**EI400LVAT**=4" AIR-TITE™ Insulated  
Ceiling Small Aperture  
Low Voltage Housing

## Trims



**ERT403LV**

**Reflector Cone**

**50W 12V MR16**

ERT403LV=Specular Clear Reflector,  
Gloss White Trim Ring

ERT403LVG=Specular Gold Reflector,  
Gloss White Trim Ring

OD: 5" (127mm)



**ERT401LV**

**Baffle**

**50W 12V MR16**

ERT401LV=Black Baffle, Gloss White Trim Ring

ERT401LVW=White Baffle with Gloss White Trim Ring

OD: 5" (127mm)



**ERT402LV**

**Eyeball - 30° Tilt**

**50W 12V MR16**

ERT402LV=Gloss White Eyeball, Black Baffle

OD: 5" (127mm)



**ERT404**

**Slot Aperture**

**50W 12V MR16**

ERT404LV=Gloss White Slot Trim

OD: 5" (127mm)

## Accessories

**Filters and Lenses**

The following filters and lenses can be substituted for the cover glass (supplied with the trim) for use with MR16 lamps.

**Color Filters**

**L112**=Red Gel Filter

**L114**=Ultraviolet Dichroic Filter

**L120**=Red Dichroic Filter

**L121**=Amber Dichroic Filter

**L122**=Yellow Dichroic Filter

**L123**=Green Dichroic Filter

**L124**=Daylight Blue Dichroic Filter

**L125**=Blue Dichroic Filter

**L127**=Cosmetic (2700°K) Dichroic Filter

**L130**=Yellow Gel Filter

**L131**=Amber Gel Filter

**Optical Lenses**

**L110N**=Diffuse Sand Blasted Lens. Provides an even beam spread from MR16 lamps- especially useful in wall washing.

**L111**=Soft Focus Lens. Smooths irregular beam pattern while maintaining high controlled illumination levels and beam angles.

**L113**=Prismatic Spread Lens. Provides a symmetrical broadening of MR16 lamp beams.

**L115**=Fans the MR16 beam to produce a wide rectangular illumination pattern.

**Note:** Specifications and Dimensions subject to change without notice.

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