

## 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

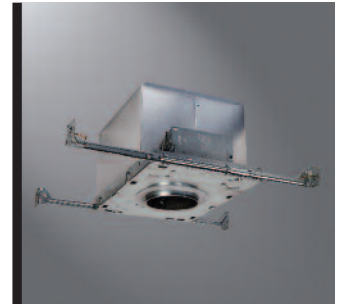
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location – Covered Ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Direct Contact with Insulation and combustible material

### 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**

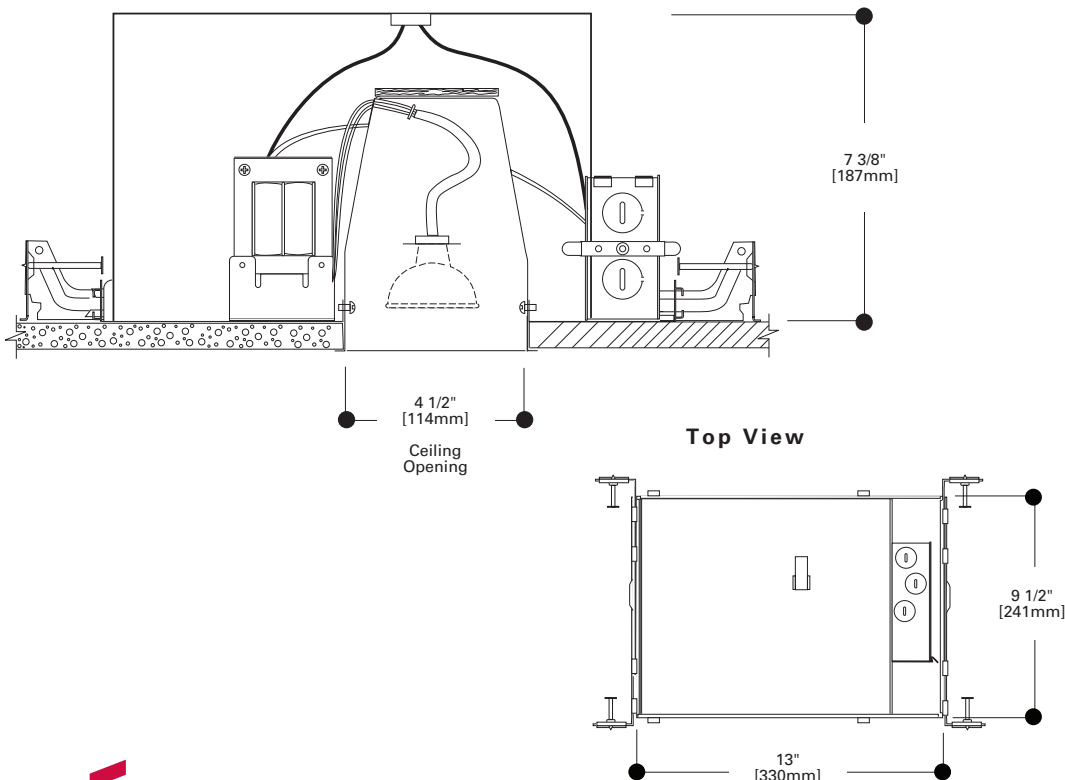
**4" TRIMS**

**FOR USE IN  
INSULATED CEILINGS**

**FOR DIRECT CONTACT  
WITH INSULATION**

### Transformer Data:

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



## TRIMS

## ORDERING INFORMATION

Order housing, trim and accessories separately.

## Housing

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

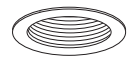
## Trims



ERT403LV

**Reflector Cone**  
**50W 12V MR16**

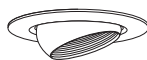
ERT403LV=Specular Clear Reflector,  
Gloss White Trim Ring  
ERT403LVG=Specular Gold Reflector,  
Gloss White Trim Ring  
OD: 5" (127mm)



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.

Visit our web site at [www.cooperlighting.com](http://www.cooperlighting.com)