

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

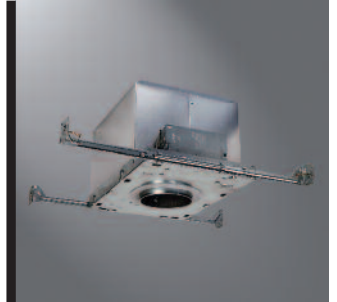
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location – Covered Ceiling
- UL/cUL Listed for Feed Through
- UL/cUL Listed for Direct Contact with Insulation and combustible material

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

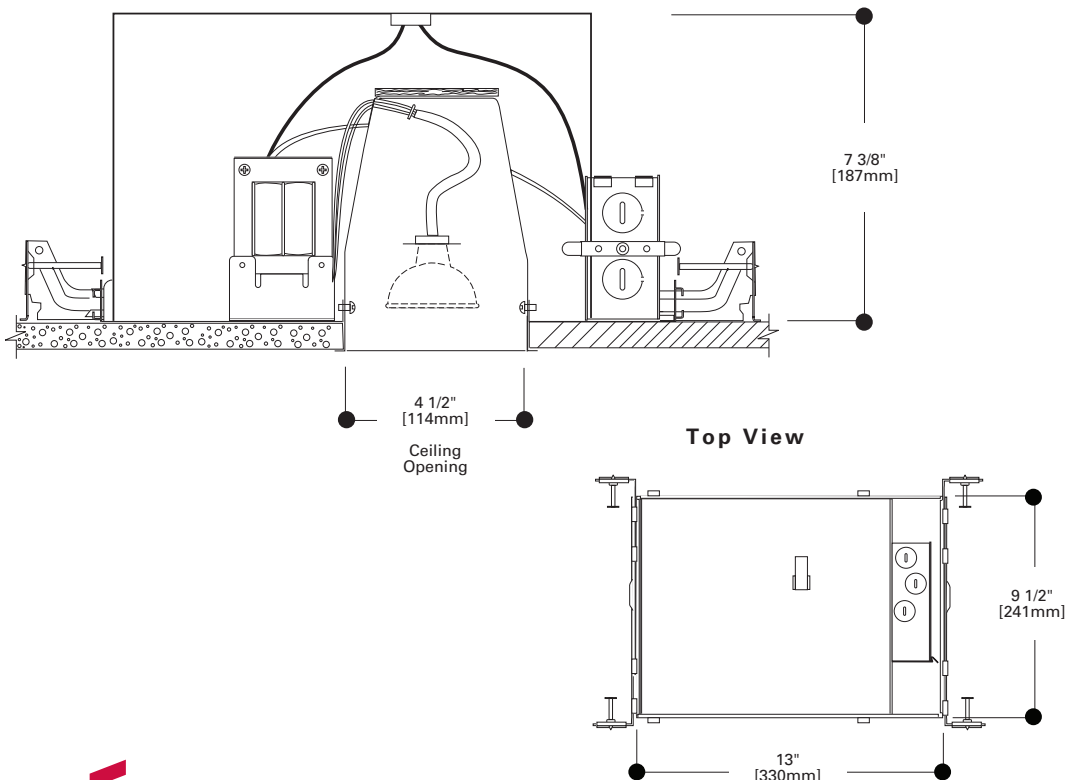
Transformer Data:

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.

Visit our web site at www.cooperlighting.com

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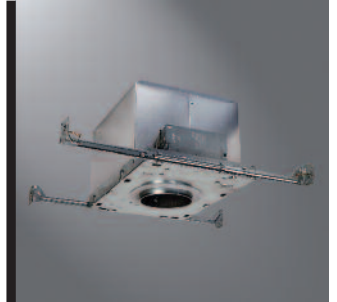
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Low-Voltage
AIR-TITE™
Recessed Housing**

4" TRIMS

**FOR USE IN
INSULATED CEILINGS**

**FOR DIRECT CONTACT
WITH INSULATION**

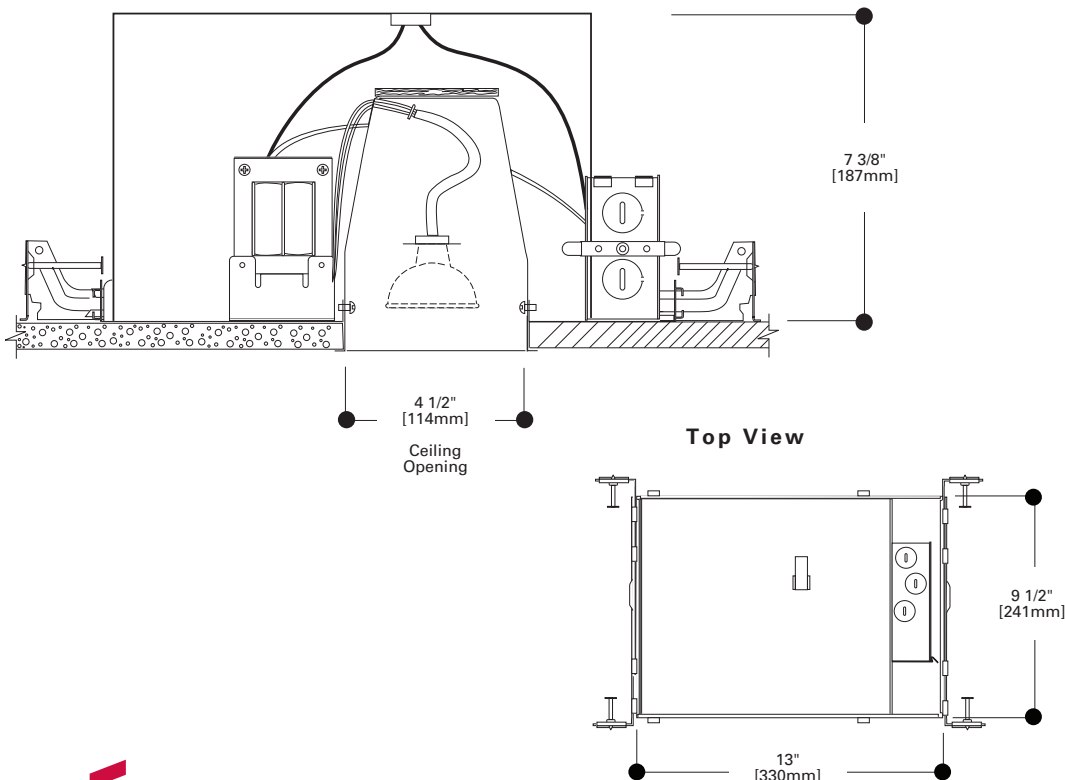
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airtite™

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