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."



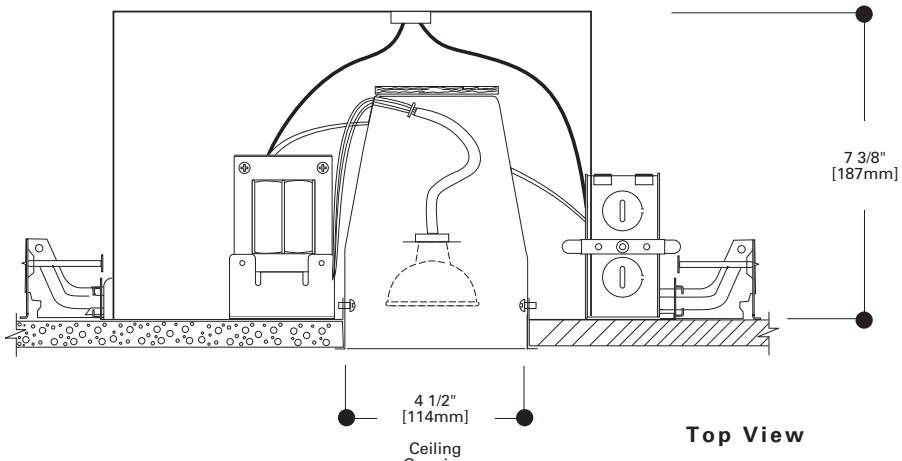
EI400LVAT

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

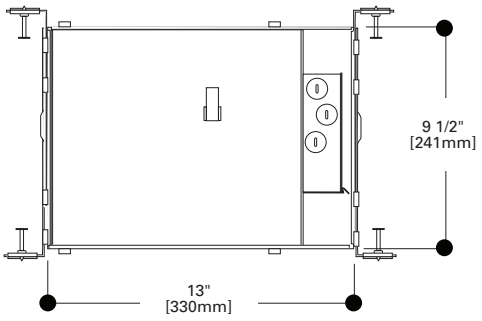
4" TRIMS

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION



Top View



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

COOPER Lighting

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. Smoothes 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

COOPER Lighting

Customer First Center 1121 Highway 74 South Peachtree City, GA 30269 770.486.4800 FAX 770 486.4801 ADV101081
Cooper Lighting 5925 McLaughlin Rd. Mississauga, Ontario, Canada L5R 1B8 905.507.4000 FAX 905.568.7049

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			

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"Recessed Luminaires in Insulated Ceilings."



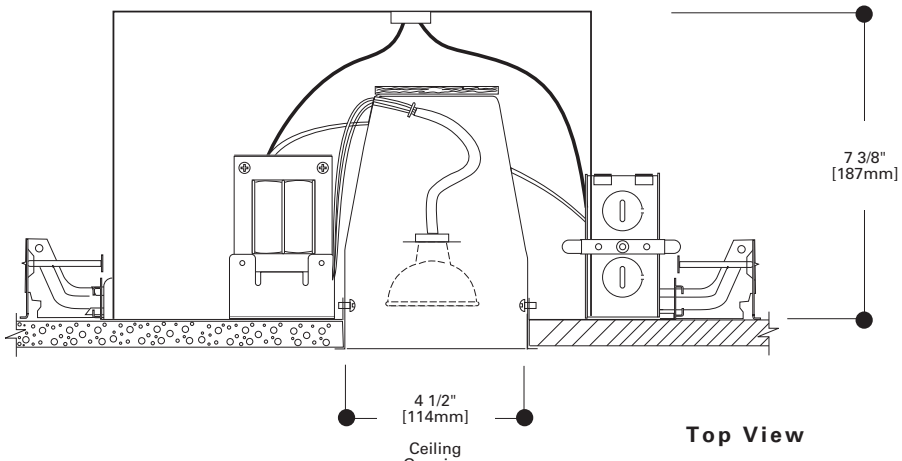
EI400LVAT

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

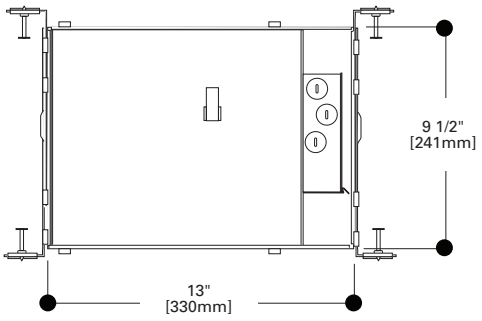
4" TRIMS

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION



Top View



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

COOPER Lighting

TRIMS

ORDERING INFORMATION

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

Trims



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50W 12V MR16
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