

**Description**

The E4ICATSB is an IC Air-Tite™ housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps as well as incandescent. Housing features an adjustable socket bracket, and is suitable for residential or commercial applications. Installation in insulated ceilings\* and non-insulated ceilings with Air-Tite code compliant construction. May be retrofit with compatible Halo LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

**Specification Features**

**Housing**

- Outer Housing - Aluminum construction
- Inner Housing - Double wall aluminum construction helps dissipate heat.
- The inner housing can be removed from the plaster frame to provide access to the junction box.
- For insulated ceilings in direct contact with insulation.\* (May also be installed in non-insulated ceilings.)

**Plaster Frame**

- Plaster frame includes locking screw 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 pry-out slots
- Compact galvanized steel junction box with xxin<sup>3</sup> internal volume
- Listed for (10) #12 AWG 90°C splice conductors
- (7) 1/2" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box

- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Three quick connect wire connectors included

**Includes:**

- **All Nail!™**
- Integral precisely positioned nail for engineered and natural framing
- Mini-foot leveling flange
- Integral T-Grid Clip, no accessory clips required
- **Quick Connect™**
- (3) Push wire nuts included, for speed & reliability
- Clear caps for wire connection visibility

**Air-Tite™ code compliant**

- ASTM E283 compliant

**Socket**

- Adjustable position bracket with porcelain socket and nickel plated brass screw shell provides flexibility in lamp positioning.

**Thermal Protector**

- Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

**Trims**

- Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

**Compliance**

- cULus Listed 1598 Luminaire
- cULus Damp Location Listed
- cULus Listed for Wet Location, covered ceiling, with select trims
- cULus listed for direct contact with insulation and combustible material\*
- RoHS Compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

\*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)



**E4ICATSB**

**4" Insulated Ceiling  
AIR-TITE Recessed  
Housing with Adjustable  
Socket Bracket**

**4" Trims**

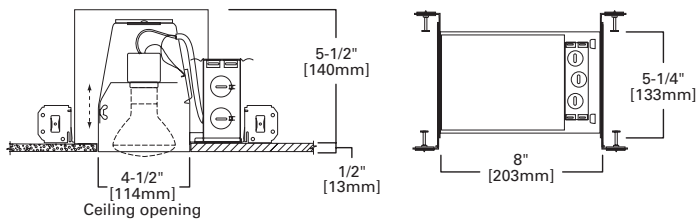


**FOR USE IN INSULATED  
CEILINGS**

**FOR DIRECT CONTACT  
WITH INSULATION\***

**AIR-TITE HOUSING  
RESTRICTS AIRFLOW  
BETWEEN CONDITIONED  
AND UNCONDITIONED  
AREAS**

**Dimensions**



**Special Features**

- All-Nail!™ bar hangers
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant
- Slide-N-Side™ junction box

## Ordering Information

Sample Number: E4ICATSB 4003SC

Order housing, trim and lamp (by others) separately for a complete luminaire.

### Housing

E4ICATSB = 4" insulated ceiling AIR-TITE housing with adjustable socket bracket

### Trims

#### Reflectors



**999 Reflector Cone**

OD: 5-1/16" [129mm]

- 999P=Specular Clear, White Trim Ring
- 999RG=Residential Gold, White Trim Ring
- 999W=White Reflector, White Trim Ring
- 999H=Haze Reflector, White Trim Ring
- 999MB=Specular Black Reflector, White Trim Ring
- 999SN=Satin Nickel Reflector with Satin Nickel Trim Ring
- 999TBZ=Tuscan Bronze Reflector with Tuscan Bronze Trim Ring



**4003 Reflector Cone**

OD: 4-3/4" [120mm]

- 4003SC=Specular Clear Reflector, White Trim Ring

#### Baffles



**953 Metal Baffle**

OD: 5-1/16" [129mm]

- 953P=Black Baffle with White Trim Ring
- 953W=White Baffle with White Trim Ring
- 953SN=Satin Nickel Baffle with Satin Nickel Trim Ring
- 953TBZ=Tuscan Bronze Baffle with Tuscan Bronze Trim Ring



**993 Coilex Baffle**

OD: 5-1/16" [129mm]

- 993P=Black Baffle with White Trim Ring
- 993W=White Baffle with White Trim Ring
- 993SN=Black Baffle with Satin Nickel Trim Ring
- 993TBZ=Black baffle with Tuscan Bronze Trim Ring



**4001 Step Baffle**

OD: 4-3/4" [120mm]

- 4001BB=Black Plastic Baffle, White Trim Ring
- 4001WB=White Plastic Baffle, White Trim Ring



**4010 Metal Baffle**

OD: 5" [127mm]

- 4010BB=Black Metal Baffle, White Trim Ring
- 4010WB=White Metal Baffle, White Trim Ring

#### Adjustable



**996 Eyeball 15° Tilt**

OD: 5-1/16" [129mm]

- 996P=White Eyeball
- 996SN=Satin Nickel Eyeball
- 996TBZ=Tuscan Bronze Eyeball



**998 Eyeball 30° Tilt**

OD: 5-1/16" [129mm]

- 998P=White Eyeball
- 998SN=Satin Nickel Eyeball
- 998TBZ=Tuscan Bronze Eyeball



**4002 Eyeball**

OD: 4-3/4" [120mm]

- 4002WH=White Eyeball

#### Lens / Wet Location Listed



**952 Cone Reflector**

- 952PS=White Trim Ring, Dome Lens Shower Light



**945 Metropolitan Ice Light**

OD: 5-5/16" [135mm]

- 945=Clear Frosted
- 945Blue=Blue Frosted



**4055 Prismatic Glass Lens Shower Light**

OD: 4-3/4" [120mm]

- 4055WH=Shower Light, White Trim Ring, Prismatic Flat Glass Lens

#### Mounting Accessories

##### Filters and Lenses

The following filters and lenses can be substituted for the cover glass supplied 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
- L121=Yellow Gel Filter
- L121=Amber Gel Filter

##### Optical Lenses

- L100N=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.



LISTED

For use in Halo listed housings.

Can also be used with the following LED Modules:

- LT4 = 4" LED retrofit module
- RL4 = 4" all-purpose retrofit LED retrofit module
- RA4 = 4" adjustable gimbal all-purpose LED retrofit module
- ML4 = 4" LED module (see ML4 spec sheets for trim options)
- SLD4 = 4" surface LED downlight
- SMD4 = 4" surface mount LED downlight