

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 xxin³ 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

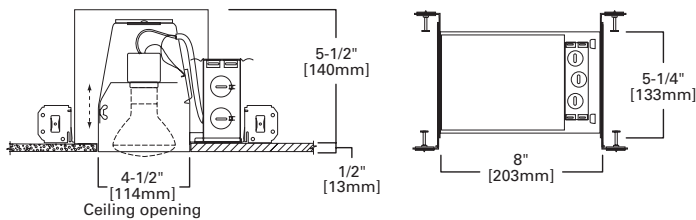


**FOR USE IN INSULATED
CEILINGS**

**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

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 xxin³ 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

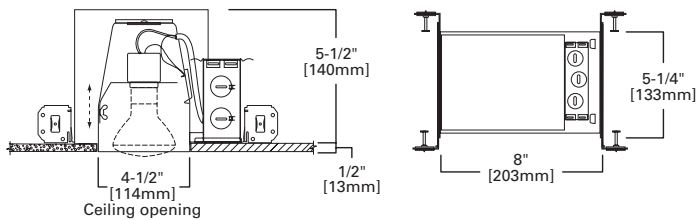


**FOR USE IN INSULATED
CEILINGS**

**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