

Description

The E27ICAT is a compact and efficient shallow recessed housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial shallow ceiling applications. For installation in insulated ceilings* and non-insulated ceilings with airtight code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible HALO LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

Specification Features

Housing

- Single wall die-formed shallow aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral Air-Tite gasket for code-required gasket between fixture and finished ceiling - seals aperture without need for additional caulk
- Shipped with socket overspray protector installed
- May be removed from the plaster frame to provide access to junction box

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes.
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars
- Integral Air-Tite gasket seals housing and meets code-required gasket between fixture and finished ceiling

Includes:

Bar Hangers

All Nail!™

- Integral precisely positioned nail for engineered and natural framing
- Mini-foot leveling flange
- Integral T-Grid Clip, no accessory clips required

q-Channel bars with Pass-N-Thru™

- Unique inverted "q" interlocking channel for rigidity and stability
- Pass-N-Thru™ feature allows bars to cross-over for tool-less shortening in tight spaces

Hinged junction box w/ Slide-N-Side™

- (4) 1/2" conduit pry-outs
- (3) Slide-N-Side™ Non-Metallic (NM) wire traps, allow wiring outside the box
- For 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian
- Hinged door for easy access
- Box is repositionable 90° on frame to avoid obstructions

Quick Connect™

- (3) Push wire nuts included, for speed & reliability
- Clear caps for wire connection visibility

cULus Listed

- Compact 16 in³ volume
- Listed for max. (10) No. 12 AWG or (14) No. 14 AWG 90° C splice conductors in box

Air-Tite™ code compliant

- Certified under ASTM E283
- Exclusive gasket seals aperture, frame & ceiling
- No additional caulk required

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims

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 including Halogen, CFL and LED

Compliance

- cULus Listed 1598 Luminaire
- cULus Listed Damp Location
- cULus Listed for Wet Location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- 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
- RoHS compliant

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



E27ICAT

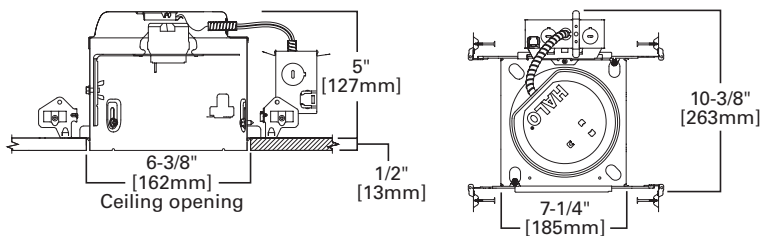
6" IC, Air-Tite, Shallow New Construction Housing

E26 Screw base housing

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Dimensions



Special Features

- All-Nail!™ bar hangers
- q-Channel bars with Pass-N-Thru™
- Hinged J-Box with Slide-N-Side™
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Ordering Information

Sample Number: E27ICAT 6110WB

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

Housing

E27ICAT = 6" insulated ceiling, airtight recessed housing, shallow new construction, 120V

Trims

Reflectors



426 Reflector Cone

OD: 7-1/4" [184mm]

426=Clear Specular Reflector Cone, White Trim
426MB=Black Specular Reflector Cone, White Trim

426H=Haze Reflector Cone, White Trim

426SN=Satin Nickel Reflector Cone and Trim

426TBZ=Tuscan Bronze Reflector Cone and Trim



6106 Straight Reflector Cone, Self-flange

OD: 7-3/4" [197mm]

6106SC=Specular Reflector, White Trim



6107 Tapered Reflector, Self-flange

OD: 7-3/4" [197mm]

6107SC=Specular Reflector, White Trim



6121 Shallow Full Cone Reflector, Self-flange

OD: 7-3/4" [197mm]

6121WH=White Reflector and Trim

Baffles



310 Coilex® Baffle

OD: 7-1/4" [184mm]

310W=White Coilex Baffle and Trim

310P=Black Coilex Baffle, White Trim

310SN=Black Coilex Baffle, Satin Nickel Trim

310TBZ=Black Coilex Baffle, Tuscan Bronze Trim



312 Coilex® Baffle

OD: 7-1/4" [184mm]

312W=White Coilex Baffle and Trim

312P=Black Coilex Baffle, White Trim



353 Metal Baffle

OD: 7-1/4" [184mm]

353SN=Satin Nickel Baffle and Trim

353TBZ=Tuscan Bronze Baffle and Trim



6100 Tapered Metal Baffle with (2) Trim Rings

OD: 7-1/8" [181mm]

6100WB=White Baffle, Narrow and Wide White Trims (included)

6100BB=Black Baffle, Narrow and Wide White Trims (included)



6101 Straight Metal Baffle with (2) Trim Rings

OD: 7-1/8" [181mm]

6101WB=White Baffle, Narrow and Wide White Trims (included)

6101BB=Black Baffle, Narrow and Wide White Trims (included)



6102 Tapered Metal Baffle, Self-flange

OD: 7-3/4" [197mm]

6102WB=White Baffle and Trim

6102BB=Black Baffle, White Trim



6103 Straight Metal Baffle, Self-flange

OD: 7-3/4" [197mm]

6103WB=White Baffle and Trim

6103BB=Black Baffle, White Trim



6108 Coilex® Straight Plastic Baffle, Self-flange

OD: 7-3/4" [197mm]

6108WB=White Plastic Straight Coilex Baffle, White Trim

6108BB=Black Plastic Straight Coilex Baffle, White Trim

6108BKBB=Black Plastic Straight Coilex Baffle, Black Trim



6109 Coilex® Tapered Baffle, Self-flange

OD: 7-3/4" [197mm]

6109WB=White Tapered Coilex Baffle, White Trim

6109BB=Black Tapered Coilex Baffle, White Trim

6109BKBB=Black Tapered Coilex Baffle, Black Trim



6110 Perftex Baffle, Self-flange

OD: 7-3/4" [197mm]

6110WB=White Perftex Baffle and Trim

6110BB=Black Perftex Baffle, White Trim

6110BKBB=Black Perftex Baffle and Trim



6126 Shallow Full Cone Baffle, Self-flange

OD: 7-3/4" [197mm]

6126WB=White Baffle and Trim

6126BB=Black Baffle, White Trim

Adjustable - Eyeballs & Gimbals



74 PAR30 Eyeball 30° Tilt, Self-flange

OD: 8" [203mm]

74P=White Eyeball and Trim



78 BR/PAR30 Eyeball 30° Tilt, Self-flange

OD: 8" [203mm]

78P=White Eyeball and Trim

78PAT=White Eyeball and Trim, Air-Tite

78SN=Satin Nickel Eyeball and Trim

78TBZ=Tuscan Bronze Eyeball and Trim



420 BR/PAR30 Regressed Eyeball 30° Tilt, Self-flange

OD: 7-1/4" [184mm]

420W=White Eyeball, Baffle and Trim

420P=White Eyeball, Black Baffle, White Trim



6130 BR/PAR30 Eyeball 35° Tilt, Self-flange

OD: 7-3/4" [197mm]

6130WH=White Eyeball and Trim



6215 PAR30 Double Gimbal 35°-50° Tilt, Self-flange

OD: 7-3/4" [197mm]

6215WH=White Gimbal and Trim

6215BK=Black Gimbal and Trim

6215SN=Satin Nickel Gimbal and Trim

6215TBZ=Tuscan Bronze Gimbal and Trim

Lenses & Wet Location Showerlights



170 Albalite Lens with Reflector

OD: 8" [203mm]

170P=Frosted Albalite Glass Lens, White Trim

170PS=Frosted Albalite Glass Lens, White Plastic Trim, Showerlight, Air-Tite



171 Drop Opal Lens with Reflector

OD: 8" [203mm]

171P=Drop Opal Glass Lens, White Trim

171PS=Drop Opal Glass Lens, White Plastic Trim, Showerlight, Air-Tite



172 Dome Lens with Reflector

OD: 7-3/4" [197mm]

172PS=Frosted Glass Dome, White Plastic Trim

172SNS=Frosted Glass Dome, Satin Nickel Plastic Trim

172TBZS=Frosted Glass Dome, Tuscan Bronze Plastic Trim



173 Fresnel Lens with Reflector

OD: 8" [203mm]

173P=Fresnel Glass Lens, White Trim

173PS=Fresnel Glass Lens, White Plastic Trim, Showerlight, Air-Tite



6145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight*

OD: 7-3/4" [197mm]

6145WH=White Reflector and Trim

6145SN=Satin Nickel Reflector and Trim

6145TBZ=Tuscan Bronze Reflector and Trim



6150 Frost Dome Glass Lens, Self-flange

OD: 7-3/4" [197mm]

6150WH=Frost Dome Glass Lens with Reflector, White Plastic Trim

6150SN=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Trim

6150TBZ=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Trim



6230 Squirrel Frost Curve Glass Lens, Metal Trim - Showerlight

OD: 8" [203mm]

6230AH=Frost Curve Glass Lens, Aluminum Haze Squirrel Trim

6230PN=Frost Curve Glass Lens, Polished Nickel Squirrel Trim

6230SN=Frost Curve Glass Lens, Satin Nickel Squirrel Trim

6230TBZ=Frost Curve Glass Lens, Tuscan Bronze Squirrel Trim



6255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight

OD: 7-1/4" [183mm]

6255WH=Frost Curve Glass Lens with Reflector, White Plastic Trim

6255SN=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim

6255TBZ=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim

Open, Splay & Wall Wash



300 Open Trim with Fixed Socket Bracket, Self-flange

OD: 7-1/4" [183mm]

300P=Self-flange with White Open Trim

300SN=Self-flange with Satin Nickel Open Trim

300TBZ=Self-flange with Tuscan Bronze Open Trim



328 White Splay Trim

OD: 7-3/4" [197mm]

328P=White Splay Trim

*Outdoor rated lamp only (purchase separately)