

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 coderequired 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) ½" conduit pry-outs
- (3) Slide-N-Side™ Non-Metallic (NM) wire traps, allow wiring outside the hox
- 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

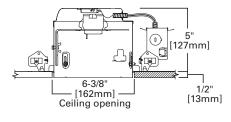
6" IC, Air-Tite, Shallow New Construction Housing

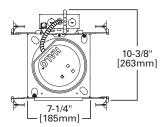
E26 Screw base housing

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.

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

<u>6103 Straight Metal Baffle, Self-flange</u> 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,

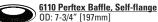


6109 Coilex® Tapered Baffle, Self-flange OD: 7-3/4" [197mm]

6109WB=White Tapered Coilex Baffle, White Trim

6109BB=Black Tapered Coilex Baffle, White Trim

6109BKBB=Black Tapered Coilex Baffle, Black Trim



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 Eveball 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

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

171 Drop Opal Lens with Reflector

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

172 Dome Lens with Reflector 0D: 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 Squircle Frost Curve Glass Lens,

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

6230AH=Frost Curve Glass Lens, Aluminum Haze Squircle Trim 6230PN=Frost Curve Glass Lens, Polished

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

6230TBZ=Frost Curve Glass Lens, Tuscan Bronze Squircle 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

Trim

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

328 White Splay Trim OD: 7-3/4" [197mm] 328P=White Splay Trim

*Outdoor rated lamp only (purchase separately)







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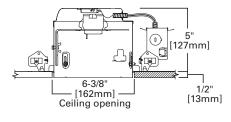
6" IC, Air-Tite, Shallow New Construction Housing

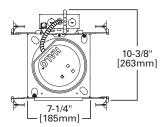
E26 Screw base housing

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT
WITH INSULATION*

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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

<u>6103 Straight Metal Baffle, Self-flange</u> 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,

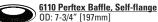


6109 Coilex® Tapered Baffle, Self-flange OD: 7-3/4" [197mm]

6109WB=White Tapered Coilex Baffle, White Trim

6109BB=Black Tapered Coilex Baffle, White Trim

6109BKBB=Black Tapered Coilex Baffle, Black Trim



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 Eveball 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

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

171 Drop Opal Lens with Reflector

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

172 Dome Lens with Reflector 0D: 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 Squircle Frost Curve Glass Lens,

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

6230AH=Frost Curve Glass Lens, Aluminum Haze Squircle Trim 6230PN=Frost Curve Glass Lens, Polished

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

6230TBZ=Frost Curve Glass Lens, Tuscan Bronze Squircle 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

Trim

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

328 White Splay Trim OD: 7-3/4" [197mm] 328P=White Splay Trim

*Outdoor rated lamp only (purchase separately)



