Description

The E7ICATNB is a compact and efficient 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 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.

The E7ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too.

Catalog #		Type
Project		
Comments		Date
Prepared by		



E7ICATNB

6" IC, Air-Tite, New Construction Housing, No Bracket

E26 Screw base housing

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Specification Features

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

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™
- (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
- (4) ½" conduit pry-outs
- 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 in^3 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 socket speeds installation and attaches directly to the trim for consistent lamp positioning

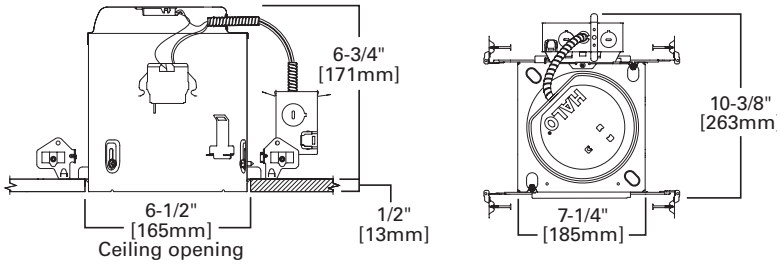
Thermal Protector
- Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

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 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).

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: E7ICATNB 6125WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

E7ICATNB = 6" insulated ceiling, airtight recessed housing, new construction, no socket bracket, 120V

Trims

Reflectors



30 Reflector, Self-flange
OD: 7-1/4" [184mm]
30HAT=Haze Reflector, White Trim
30RGAT=Residential Gold Reflector, White Trim
30CAT=Clear Specular Reflector, White Trim



30SBAT Reflector, Self-flange
OD: 7-1/4" [184mm]
30SBAT=Black Specular Reflector, Self-flange



404 Specular Reflector
OD: 7-1/4" [184mm]
404C=Clear Specular Reflector, White Trim
404H=Haze Reflector, White Trim
404SN=Satin Nickel Reflector and Trim
404TBZ=Tuscan Bronze Reflector and Trim



4041 White Reflector, Self-flange
OD: 7-1/4" [184mm]
4041P=White Reflector and Trim



6120 Full Cone Reflector, Self-flange
OD: 7-3/4" [197mm]
6120WH=White Reflector and Trim
6120SN=Satin Nickel Reflector and Trim
6120TBZ=Tuscan Bronze Reflector and Trim



6121 Shallow Full Cone Reflector, Self-flange
OD: 7-3/4" [197mm]
6121WH=White Reflector and Trim

Baffles



30 Baffle, Self-flange
OD: 7-1/4" [184mm]
30WAT=White Baffle, Reflector and Trim
30WATH=White Baffle, Clear Reflector and White Trim
30PAT=Black Baffle, Clear Reflector and White Trim
30SNAT=Satin Nickel Baffle, Reflector and Trim
30TBZAT=Tuscan Bronze Baffle, Reflector and Trim



6125 Full Cone Baffle, Self-flange
OD: 7-3/4" [197mm]
6125WB=White Baffle and Trim
6125BB=Black Baffle, White Trim
6125BKBB=Black Baffle and Trim

Adjustable - Eyeballs & Gimbals



74 PAR30 Eyeball 30° Tilt, Self-flange
OD: 8" [203mm]
74P=White Eyeball and Trim



76 PAR38 Gimbal 30° Tilt, Self-flange
OD: 8" [203mm]
76P=White Gimbal 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



376 PAR30 Regressed Gimbal 30° Tilt, Self-flange
OD: 7-1/4" [184mm]
376W=White Baffle and Trim
376P=Black Baffle and White Trim



378 PAR30 Regressed Gimbal with Splay 25° Tilt, Self-flange
OD: 7-1/4" [184mm]
378P=White Splay and Trim
378=Clear Specular Splay and White 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



478 PAR38 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange
OD: 7-1/4" [184mm]
478P=White Splay and Trim



6130 BR/PAR30 Eyeball 35° Tilt, Self-flange
OD: 7-3/4" [197mm]
6130WH=White Eyeball and Trim



6170 PAR38 Gimbal 25° Tilt, Self-flange
OD: 7-3/4" [197mm]
6170WH=White Gimbal and Trim
6170BK=Black Gimbal and Trim
6170SN=Satin Nickel Gimbal and Trim
6170TBZ=Tuscan Bronze Gimbal and Trim

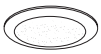


6215 PAR30 Double Gimbal 35°-50° Tilt, Self-flange
OD: 7-3/4" [197mm]
6215WH=White Gimbal and Trim
6215BK=Black Gimbal and Trim
6215SN=Satin Nickel Gimbal and Trim
6215TBZ=Tuscan Bronze Gimbal and Trim



6222 Regressed PAR30 Adjustable 45° Tilt, Self-flange
OD: 7-3/4" [197mm]
6222WB=White Baffle and Trim
6222BB=Black Baffle and Trim
6222SC=Specular Clear Reflector, White Trim
6222H=Haze Reflector, White 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



6146 Open Wet Location, Full Reflector, Self-flange - Showerlight*
OD: 7-3/4" [197mm]
6146WH=White Reflector and Trim
6146SN=Satin Nickel Reflector and Trim
6146TBZ=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



6162 Drop Opal Plastic Lens, Self-flange - Showerlight
OD: 7-3/4" [197mm]
6162WH=Drop Opal Plastic Lens with Reflector, White Plastic Trim



6230 Squircle Frost Glass Lens, Metal Trim - Showerlight
OD: 7-1/4" [183mm]
6230AH=Frost Glass Lens, Aluminum Haze Squircle Trim
6230PN=Frost Glass Lens, Polished Nickel Squircle Trim
6230SN=Frost Glass Lens, Satin Nickel Squircle Trim
6230TBZ=Frost 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



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



327 White Splay Trim with Fixed Socket Bracket, Self-flange
OD: 7-3/4" [197mm]
327P=White Splay Trim with Socket Bracket



430 Wall Wash with Baffle & Full Reflector
OD: 7-1/4" [183mm]
430W=White Baffle, with Upper Reflector, White Trim
430P=Black Baffle, with Upper Reflector, White Trim

***Outdoor rated lamp only (purchase separately)**

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

LISTED
For use in Halo listed housings.

Select trims are classified for use in others housings.
See www.eaton.com/lighting/legal.

Description

The E7ICATNB is a compact and efficient 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 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.

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Comments		Date
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E7ICATNB

6" IC, Air-Tite, New Construction Housing, No Bracket

E26 Screw base housing

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Specification Features

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All Nail!™
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- Mini-foot leveling flange
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- Unique inverted "q" interlocking channel for rigidity and stability
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Hinged junction box w/ Slide-N-Side™
- (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
- (4) ½" conduit pry-outs
- 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 in^3 volume
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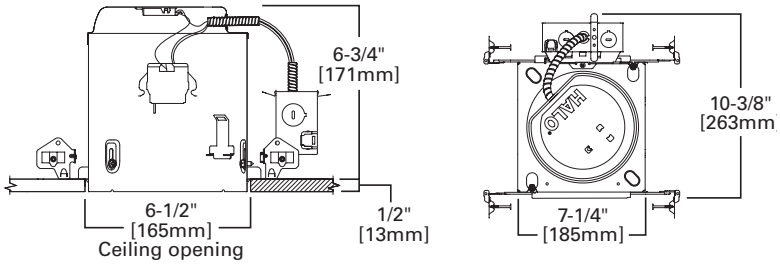
Thermal Protector
- Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

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- 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
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- 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).

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: E7ICATNB 6125WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

E7ICATNB = 6" insulated ceiling, airtight recessed housing, new construction, no socket bracket, 120V

Trims

Reflectors



30 Reflector, Self-flange
OD: 7-1/4" [184mm]
30HAT=Haze Reflector, White Trim
30RGAT=Residential Gold Reflector, White Trim
30CAT=Clear Specular Reflector, White Trim



30SBAT Reflector, Self-flange
OD: 7-1/4" [184mm]
30SBAT=Black Specular Reflector, Self-flange



404 Specular Reflector
OD: 7-1/4" [184mm]
404C=Clear Specular Reflector, White Trim
404H=Haze Reflector, White Trim
404SN=Satin Nickel Reflector and Trim
404TBZ=Tuscan Bronze Reflector and Trim



4041 White Reflector, Self-flange
OD: 7-1/4" [184mm]
4041P=White Reflector and Trim



6120 Full Cone Reflector, Self-flange
OD: 7-3/4" [197mm]
6120WH=White Reflector and Trim
6120SN=Satin Nickel Reflector and Trim
6120TBZ=Tuscan Bronze Reflector and Trim



6121 Shallow Full Cone Reflector, Self-flange
OD: 7-3/4" [197mm]
6121WH=White Reflector and Trim

Baffles



30 Baffle, Self-flange
OD: 7-1/4" [184mm]
30WAT=White Baffle, Reflector and Trim
30WATH=White Baffle, Clear Reflector and White Trim
30PAT=Black Baffle, Clear Reflector and White Trim
30SNAT=Satin Nickel Baffle, Reflector and Trim
30TBZAT=Tuscan Bronze Baffle, Reflector and Trim



6125 Full Cone Baffle, Self-flange
OD: 7-3/4" [197mm]
6125WB=White Baffle and Trim
6125BB=Black Baffle, White Trim
6125BKBB=Black Baffle and Trim

Adjustable - Eyeballs & Gimbals



74 PAR30 Eyeball 30° Tilt, Self-flange
OD: 8" [203mm]
74P=White Eyeball and Trim



76 PAR38 Gimbal 30° Tilt, Self-flange
OD: 8" [203mm]
76P=White Gimbal 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



376 PAR30 Regressed Gimbal 30° Tilt, Self-flange
OD: 7-1/4" [184mm]
376W=White Baffle and Trim
376P=Black Baffle and White Trim



378 PAR30 Regressed Gimbal with Splay 25° Tilt, Self-flange
OD: 7-1/4" [184mm]
378P=White Splay and Trim
378=Clear Specular Splay and White 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



478 PAR38 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange
OD: 7-1/4" [184mm]
478P=White Splay and Trim



6130 BR/PAR30 Eyeball 35° Tilt, Self-flange
OD: 7-3/4" [197mm]
6130WH=White Eyeball and Trim



6170 PAR38 Gimbal 25° Tilt, Self-flange
OD: 7-3/4" [197mm]
6170WH=White Gimbal and Trim
6170BK=Black Gimbal and Trim
6170SN=Satin Nickel Gimbal and Trim
6170TBZ=Tuscan Bronze Gimbal and Trim

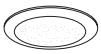


6215 PAR30 Double Gimbal 35°-50° Tilt, Self-flange
OD: 7-3/4" [197mm]
6215WH=White Gimbal and Trim
6215BK=Black Gimbal and Trim
6215SN=Satin Nickel Gimbal and Trim
6215TBZ=Tuscan Bronze Gimbal and Trim



6222 Regressed PAR30 Adjustable 45° Tilt, Self-flange
OD: 7-3/4" [197mm]
6222WB=White Baffle and Trim
6222BB=Black Baffle and Trim
6222SC=Specular Clear Reflector, White Trim
6222H=Haze Reflector, White 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



6146 Open Wet Location, Full Reflector, Self-flange - Showerlight*
OD: 7-3/4" [197mm]
6146WH=White Reflector and Trim
6146SN=Satin Nickel Reflector and Trim
6146TBZ=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



6162 Drop Opal Plastic Lens, Self-flange - Showerlight
OD: 7-3/4" [197mm]
6162WH=Drop Opal Plastic Lens with Reflector, White Plastic Trim



6230 Squircle Frost Glass Lens, Metal Trim - Showerlight
OD: 7-1/4" [183mm]
6230AH=Frost Glass Lens, Aluminum Haze Squircle Trim
6230PN=Frost Glass Lens, Polished Nickel Squircle Trim
6230SN=Frost Glass Lens, Satin Nickel Squircle Trim
6230TBZ=Frost 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



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



327 White Splay Trim with Fixed Socket Bracket, Self-flange
OD: 7-3/4" [197mm]
327P=White Splay Trim with Socket Bracket



430 Wall Wash with Baffle & Full Reflector
OD: 7-1/4" [183mm]
430W=White Baffle, with Upper Reflector, White Trim
430P=Black Baffle, with Upper Reflector, White Trim

***Outdoor rated lamp only (purchase separately)**

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.eaton.com/lighting

Specifications and dimensions subject to change without notice.

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For use in Halo listed housings.

Select trims are classified for use in others housings.
See www.eaton.com/lighting/legal.