

Description

The Halo E5 series consists of compact and efficient recessed housings optimized and listed for PAR20 and PAR30, EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. The Halo E5 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 HALO LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

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 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
- Options to meet Trade Agreements Act requirements

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

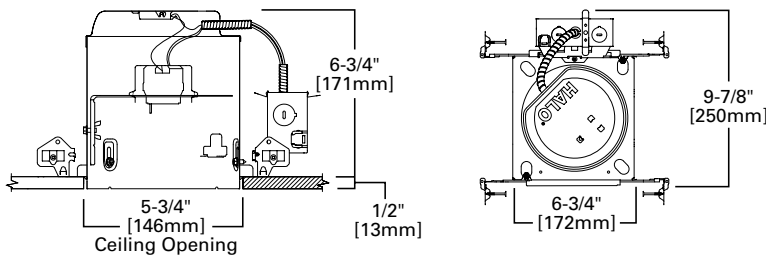


E5ICAT

5" IC, Air-Tite, New Construction Housing

E26 Screw base housing

Dimensions



FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*



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: E5ICAT 5110WB
 Order housing, trim and lamp (by others) separately for a complete luminaire.




Domestic Preferences⁽¹⁾

[Blank] = Standard
 TAA = Trade Agreements Act

Housing

E5ICAT= 5" insulated ceiling, airtight recessed housing, new construction, 120V

Trims

 <p>Reflectors</p> <p>5020 PAR Reflector OD: 6-3/8" [162mm] 5020P=White Reflector and Trim 5020H=Haze Reflector, White Trim 5020SC=Clear Specular Reflector, White Trim 5020BL=Black Specular Reflector, White Trim 5020SN=Satin Nickel Reflector and Trim 5020TBZ=Tuscan Bronze Reflector and Trim</p> <p>5021 Full Reflector OD: 6-3/8" [162mm] 5021H=Haze Reflector, White Trim 5021SC=Specular Clear Reflector, White Trim 5021SN=Satin Nickel Reflector and Trim 5021TBZ=Tuscan Bronze Reflector and Trim</p> <p>5107 Specular Reflector, Self-flange OD: 6-5/8" [168mm] 5107SC=Specular Reflector, White Trim</p> <p>5120 Full Cone, Self-flange OD: 6-5/8" [168mm] 5120WH=White Reflector and Trim 5120SN=Satin Nickel Reflector and Trim 5120TBZ=Tuscan Bronze Reflector and Trim</p> <p>5121 Shallow Full Cone, Self-flange OD: 6-5/8" [168mm] 5121WH=White Reflector and Trim</p> <p>Baffles</p> <p>5001 PAR Metal Baffle Splay OD: 6-3/8" [162mm] 5001P=White Baffle and Trim 5001MB=Black Baffle, White Trim 5001SN=Satin Nickel Baffle and Trim 5001TBZ=Tuscan Bronze Baffle and Trim</p> <p>5010 PAR Metal Step Baffle OD: 6-3/8" [162mm] 5010W=White Baffle and Trim 5010=Black Baffle, White Trim</p> <p>5014 Shallow Metal Baffle, Self-flange OD: 6-3/8" [162mm] 5014P=White Baffle and Trim 5014MB=Black Baffle, White Trim</p> <p>5016 Coilex® Baffle with Reflector and Torsion Springs OD: 6-3/8" [162mm] 5016W=White Coilex Baffle and Trim 5016P=Black Coilex Baffle, White Trim</p> <p>5102 Tapered Metal Baffle, Self-flange OD: 6-3/8" [162mm] 5102WB=White Baffle and Trim 5102BB=Black Baffle, White Trim</p> <p>5109 Coilex® Tapered Baffle, Self-flange OD: 6-3/8" [162mm] 5109WB=White Plastic Straight Coilex Baffle and Trim 5109BB=Black Plastic Straight Coilex Baffle, White Trim 5109BKBB=Black Plastic Straight Coilex Baffle and Black Trim</p> <p>5110 Perftex Baffle, Self-flange OD: 6-3/4" [172mm] 5110WB=White Perftex Baffle and Trim 5110BB=Black Perftex Baffle, White Trim 5110BKBB=Black Perftex Baffle and Black Trim</p>	 <p>5125 Full Cone Baffle, Self-flange OD: 6-3/4" [172mm] 5125WB=White Baffle and Trim 5125BB=Black Baffle, White Trim</p> <p>5126 Shallow Full Cone Baffle, Self-flange OD: 6-3/4" [172mm] 5126WH=White Baffle and Trim 5126BB=Black Baffle, White Trim</p> <p>Adjustable - Eyeballs & Gimbals</p> <p>5060 PAR30 Adjustable Gimbal 20° Tilt, Self-flange OD: 6-3/8" [162mm] 5060P=White Gimbal and Trim</p> <p>5070 PAR30 Adjustable Eyeball 30° Tilt, Self-flange OD: 6-3/4" [172mm] 5070P=White Eyeball and Trim 5070SN=Satin Nickel Eyeball and Trim 5070TBZ=Tuscan Bronze Eyeball and Trim</p> <p>5071 PAR20 Adjustable Eyeball 30° Tilt, Self-flange OD: 6-3/8" [162mm] 5071P=White Eyeball and Trim</p> <p>5130 PAR30 Eyeball 35° Tilt, Self-flange OD: 6-3/8" [162mm] 5130WH=White Eyeball and Trim</p> <p>5135 PAR20 Eyeball 35° Tilt, Self-flange OD: 6-3/8" [162mm] 5135WH=White Eyeball and Trim</p> <p>5165 PAR30 Gimbal 25° Tilt, Self-flange OD: 6-3/4" [172mm] 5165WH=White Gimbal and Trim 5165BK=Black Gimbal and Trim 5165SN=Satin Nickel Gimbal and Trim 5165TBZ=Tuscan Bronze Gimbal and Trim</p> <p>5222 Regressed PAR30 Adjustable, 35° Tilt, Self-flange OD: 6-3/4" [172mm] 5222WB=White Baffle and Trim 5222BB=Black Baffle, White Trim 5222SC=Specular Clear Reflector, White Trim 5222H=Haze Reflector, White Trim</p> <p>Lenses & Wet Location Showerlights</p> <p>5051 Frosted Lens - Showerlight OD: 6-3/8" [162mm] 5051PS=Frosted Glass Lens, White Trim</p> <p>5054 Air-Tite Frosted Dome Lens - Showerlight OD: 6-3/8" [162mm] 5054PS=Frosted Glass Dome, White Plastic Trim 5054SNS=Frosted Glass Dome, Satin Nickel Plastic Trim 5054TBZS=Frosted Glass Dome, Tuscan Bronze Plastic Trim</p> <p>5150 Frost Dome Glass Lens, Self-flange - Showerlight OD: 6-3/8" [162mm] 5150WH=Frost Dome Glass Lens with Reflector, White Plastic Trim 5150SN=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Trim 5150TBZ=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Trim</p>	 <p>5162 Drop Opal Plastic Lens, Self-flange - Showerlight OD: 6-3/8" [162mm] 5162WH=Drop Opal Plastic Lens with Reflector, White Plastic Trim</p> <p>5230 Squirrel Frost Lens, Metal Trim, Self-flange - Showerlight OD: 6-3/4" [172mm] 5230AH=Frost Glass Lens, Aluminum Haze Squirrel Trim 5230PN=Frost Glass Lens, Polished Nickel Squirrel Trim 5230SN=Frost Glass Lens, Satin Nickel Squirrel Trim 5230TBZ=Frost Glass Lens, Tuscan Bronze Squirrel Trim</p> <p>5255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight OD: 6-3/4" [172mm] 5255WH=Frost Curve Glass Lens with Reflector, White Plastic Trim 5255SN=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim 5230TBZ=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim</p> <p>5145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight* OD: 6-3/4" [172mm] 5145WH=White Reflector and Trim 5145SN=Satin Nickel Reflector and Trim 5145TBZ=Tuscan Bronze Reflector and Trim</p> <p>5146 Open Wet Location, Full Reflector, Self-flange - Showerlight* OD: 6-3/4" [172mm] 5146WH=White Reflector and Trim 5146SN=Satin Nickel Reflector and Trim 5146TBZ=Tuscan Bronze Reflector and Trim</p> <p>Open, Splay & Wall Wash</p> <p>5000 PAR Metal Splay, Self-flange OD: 6-3/8" [162mm] 5000P=White Splay and Trim 5000SN=Satin Nickel Splay and Trim 5000TBZ=Tuscan Bronze Splay and Trim</p> <p>5175 Open, Wide, Self-flange OD: 6-3/8" [162mm] 5175WH=White Trim 5175SN=Satin Nickel Trim 5175TBZ=Tuscan Bronze Trim</p> <p>5176 Open, Wide with Fixed Socket Basket, Self-flange OD: 6-3/8" [162mm] 5176WH=White Trim 5176SN=Satin Nickel Trim 5176TBZ=Tuscan Bronze Trim</p> <p>5185 Open, Splay, Self-flange OD: 6-3/8" [162mm] 5185WH=White Trim 5185SN=Satin Nickel Trim 5185TBZ=Tuscan Bronze Trim</p> <p>5186 Splay with Fixed Socket Bracket, Self-flange OD: 6-3/8" [162mm] 5186WH=White Trim 5186SN=Satin Nickel Trim 5186TBZ=Tuscan Bronze Trim</p>
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Notes: (1) Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to DOMESTIC.PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

*Outdoor rated lamp only (purchase separately)



Cooper Lighting Solutions
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www.cooperlighting.com

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.cooperlighting.com