

## 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

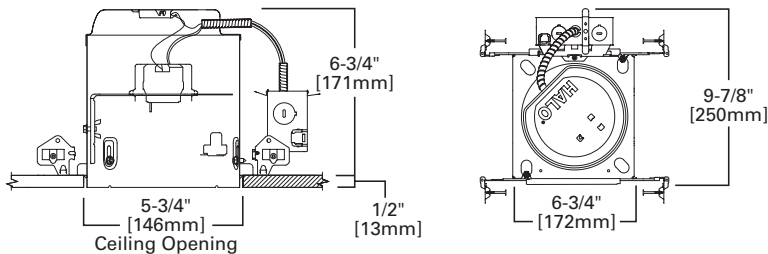
### Compliance

- 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

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



## Dimensions



## E5ICAT

**5" IC, Air-Tite, New Construction Housing**

**E26 Screw base housing**

**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.

## Housing

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

## Trims

 <p><b>Reflectors</b>  <b>5020 PAR Reflector</b>            OD: 6-3/8" [162mm]  <b>5020P</b>=White Reflector and Trim  <b>5020H</b>=Haze Reflector, White Trim  <b>5020SC</b>=Clear Specular Reflector, White Trim  <b>5020BL</b>=Black Specular Reflector, White Trim  <b>5020SN</b>=Satin Nickel Reflector and Trim  <b>5020TBZ</b>=Tuscan Bronze Reflector and Trim</p>	 <p><b>5125 Full Cone Baffle, Self-flange</b>            OD: 6-3/4" [172mm]  <b>5125WB</b>=White Baffle and Trim  <b>5125BB</b>=Black Baffle, White Trim</p>  <p><b>5126 Shallow Full Cone Baffle, Self-flange</b>            OD: 6-3/4" [172mm]  <b>5126WH</b>=White Baffle and Trim  <b>5126BB</b>=Black Baffle, White Trim</p>	 <p><b>5162 Drop Opal Plastic Lens, Self-flange - Showerlight</b>            OD: 6-3/8" [162mm]  <b>5162WH</b>=Drop Opal Plastic Lens with Reflector, White Plastic Trim</p>  <p><b>5230 Squirrel Frost Lens, Metal Trim, Self-flange - Showerlight</b>            OD: 6-3/4" [172mm]  <b>5230AH</b>=Frost Glass Lens, Aluminum Haze Squirrel Trim  <b>5230PN</b>=Frost Glass Lens, Polished Nickel Squirrel Trim  <b>5230AH</b>=Frost Glass Lens, Satin Nickel Squirrel Trim  <b>5230AH</b>=Frost Glass Lens, Tuscan Bronze Squirrel Trim</p>
 <p><b>5021 Full Reflector</b>            OD: 6-3/8" [162mm]  <b>5021H</b>=Haze Reflector, White Trim  <b>5021SC</b>=Specular Clear Reflector, White Trim  <b>5021SN</b>=Satin Nickel Reflector and Trim  <b>5021TBZ</b>=Tuscan Bronze Reflector and Trim</p>	<p><b>Adjustable - Eyeballs &amp; Gimbals</b></p>  <p><b>5060 PAR30 Adjustable Gimbal 20° Tilt, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5060P</b>=White Gimbal and Trim</p>  <p><b>5070 PAR30 Adjustable Eyeball 30° Tilt, Self-flange</b>            OD: 6-3/4" [172mm]  <b>5070P</b>=White Eyeball and Trim  <b>5070SN</b>=Satin Nickel Eyeball and Trim  <b>5070TBZ</b>=Tuscan Bronze Eyeball and Trim</p>	 <p><b>5255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight</b>            OD: 6-3/4" [172mm]  <b>5255WH</b>=Frost Curve Glass Lens with Reflector, White Plastic Trim  <b>5255SN</b>=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim  <b>5230TBZ</b>=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim</p>
 <p><b>5107 Specular Reflector, Self-flange</b>            OD: 6-5/8" [168mm]  <b>5107SC</b>=Specular Reflector, White Trim</p>  <p><b>5120 Full Cone, Self-flange</b>            OD: 6-5/8" [168mm]  <b>5120WH</b>=White Reflector and Trim  <b>5120SN</b>=Satin Nickel Reflector and Trim  <b>5120TBZ</b>=Tuscan Bronze Reflector and Trim</p>  <p><b>5121 Shallow Full Cone, Self-flange</b>            OD: 6-5/8" [168mm]  <b>5121WH</b>=White Reflector and Trim</p>	 <p><b>5071 PAR20 Adjustable Eyeball 30° Tilt, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5071P</b>=White Eyeball and Trim</p>  <p><b>5130 PAR30 Eyeball 35° Tilt, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5130WH</b>=White Eyeball and Trim</p>	 <p><b>5145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight</b>            OD: 6-3/4" [172mm]  <b>5145WH</b>=White Reflector and Trim  <b>5145SN</b>=Satin Nickel Reflector and Trim  <b>5145TBZ</b>=Tuscan Bronze Reflector and Trim</p>
<p><b>Baffles</b></p>  <p><b>5001 PAR Metal Baffle Splay</b>            OD: 6-3/8" [162mm]  <b>5001P</b>=White Baffle and Trim  <b>5001MB</b>=Black Baffle, White Trim  <b>5001SN</b>=Satin Nickel Baffle and Trim  <b>5001TBZ</b>=Tuscan Bronze Baffle and Trim</p>  <p><b>5010 PAR Metal Step Baffle</b>            OD: 6-3/8" [162mm]  <b>5010W</b>=White Baffle and Trim  <b>5010B</b>=Black Baffle, White Trim</p>	 <p><b>5135 PAR20 Eyeball 35° Tilt, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5135WH</b>=White Eyeball and Trim</p>  <p><b>5165 PAR30 Gimbal 25° Tilt, Self-flange</b>            OD: 6-3/4" [172mm]  <b>5165WH</b>=White Gimbal and Trim  <b>5165BK</b>=Black Gimbal and Trim  <b>5165SN</b>=Satin Nickel Gimbal and Trim  <b>5165TBZ</b>=Tuscan Bronze Gimbal and Trim</p>	 <p><b>5146 Open Wet Location, Full Reflector, Self-flange - Showerlight</b>            OD: 6-3/4" [172mm]  <b>5146WH</b>=White Reflector and Trim  <b>5146SN</b>=Satin Nickel Reflector and Trim  <b>5146TBZ</b>=Tuscan Bronze Reflector and Trim</p>
 <p><b>5014 Shallow Metal Baffle, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5014P</b>=White Baffle and Trim  <b>5014MB</b>=Black Baffle, White Trim</p>  <p><b>5016 Coilex® Baffle with Reflector and Torsion Springs</b>            OD: 6-3/8" [162mm]  <b>5016W</b>=White Coilex Baffle and Trim  <b>5016P</b>=Black Coilex Baffle, White Trim</p>	 <p><b>5222 Regressed PAR30 Adjustable, 35° Tilt, Self-flange</b>            OD: 6-3/4" [172mm]  <b>5222WB</b>=White Baffle and Trim  <b>5222BB</b>=Black Baffle, White Trim  <b>5222SC</b>=Specular Clear Reflector, White Trim  <b>5222H</b>=Haze Reflector, White Trim</p>	<p><b>Open, Splay &amp; Wall Wash</b></p>  <p><b>5000 PAR Metal Splay, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5000P</b>=White Splay and Trim  <b>5000SN</b>=Satin Nickel Splay and Trim  <b>5000TBZ</b>=Tuscan Bronze Splay and Trim</p>
 <p><b>5102 Tapered Metal Baffle, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5102WB</b>=White Baffle and Trim  <b>5102BB</b>=Black Baffle, White Trim</p>  <p><b>5109 Coilex® Tapered Baffle, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5109WB</b>=White Plastic Straight Coilex Baffle and Trim  <b>5109BB</b>=Black Plastic Straight Coilex Baffle, White Trim  <b>5109BKBB</b>=Black Plastic Straight Coilex Baffle and Black Trim</p>	<p><b>Lenses &amp; Wet Location Showerlights</b></p>  <p><b>5051 Frosted Lens - Showerlight</b>            OD: 6-3/8" [162mm]  <b>5051PS</b>=Frosted Glass Lens, White Trim</p>  <p><b>5054 Air-Tite Frosted Dome Lens - Showerlight</b>            OD: 6-3/8" [162mm]  <b>5054PS</b>=Frosted Glass Dome, White Plastic Trim  <b>5054SNS</b>=Frosted Glass Dome, Satin Nickel Plastic Trim  <b>5054TBZS</b>=Frosted Glass Dome, Tuscan Bronze Plastic Trim</p>	 <p><b>5175 Open, Wide, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5175WH</b>=White Trim  <b>5175SN</b>=Satin Nickel Trim  <b>5175TBZ</b>=Tuscan Bronze Trim</p>  <p><b>5176 Open, Wide with Fixed Socket Basket, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5176WH</b>=White Trim  <b>5176SN</b>=Satin Nickel Trim  <b>5176TBZ</b>=Tuscan Bronze Trim</p>
 <p><b>5110 Pertex Baffle, Self-flange</b>            OD: 6-3/4" [172mm]  <b>5110WB</b>=White Pertex Baffle and Trim  <b>5110BB</b>=Black Pertex Baffle, White Trim  <b>5110BKBB</b>=Black Pertex Baffle and Black Trim</p>	 <p><b>5150 Frost Dome Glass Lens, Self-flange - Showerlight</b>            OD: 6-3/8" [162mm]  <b>5150WH</b>=Frost Dome Glass Lens with Reflector, White Plastic Trim  <b>5150SN</b>=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Trim  <b>5150TBZ</b>=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Trim</p>	 <p><b>5185 Open, Splay, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5185WH</b>=White Trim  <b>5185SN</b>=Satin Nickel Trim  <b>5185TBZ</b>=Tuscan Bronze Trim</p>  <p><b>5186 Splay with Fixed Socket Bracket, Self-flange</b>            OD: 6-3/8" [162mm]  <b>5186WH</b>=White Trim  <b>5186SN</b>=Satin Nickel Trim  <b>5186TBZ</b>=Tuscan Bronze Trim</p>

\*Outdoor rated lamp only (purchase separately)