

## Description

The H5ICAT recessed housing is designed for residential and light commercial applications. H5ICAT features full-frame robust construction, feed through listing, Got Nail! bar hangers, and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5ICAT is designed for use in insulated ceilings and may be in direct contact with insulation\*. May be retrofit with compatible Halo LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

## Specification Features

### Housing

- Single wall aluminum housing
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation\* (May also be installed in non-insulated ceilings)
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

### 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 construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - Pre-installed Air-Tite ready ceiling contact gasket

### Got Nail!™ Bar Hanger Bracket

Bar Hanger Features include:

- Pre-installed nail easily installs installs in regular lumber, engineered lumber and laminated beams
- Safety and guidance system prevents snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary
- Automatic leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails

- Five additional mounting points
- Mounting point on top for hanger wire connection
- Integral T-bar clips snaps onto T-bars - no additional clips required

### q-Channel bars with Pass-N-Thru™

- q-Channel bars feature an 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 less than 12" without removing from the plaster frame. Push bars together and flex at score hole break points
- Housing can be positioned at any point within 24" joist span
- Bar hangers may be repositioned 90° on the frame

### Slide-N-Side™ Junction Box

Junction box features include:

- Slide-N-Side™ connectors allow non-metallic sheathed cable for both U.S. and Canada to be installed without tools and without removing knockouts
- Allows wiring connections to be made outside the junction box
- Simply insert the cable directly into the trap after connections are made
- accommodates the following standard non-metallic sheathed cable types:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- cULus Listed 26 in3 box volume
- Listed for through branch (8) No. 12 AWG branch circuit 90° C conductors through the box

### Quick Connect™

- Three 4-port push-in "Quick

- Connect" wire nuts included in junction box
- Speed installation and increase reliability
- No additional wire nuts required
- Simply strip and insert supply wires

### 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
- Overspray protector included

### 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 feed through
- 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)



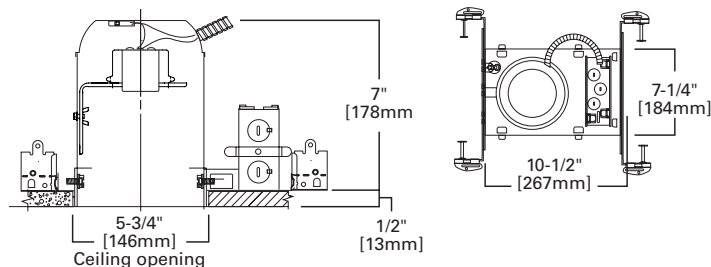
## H5ICAT

**5" IC, New Construction Housing, 120V**

**FOR USE IN INSULATED CEILINGS**

**FOR DIRECT CONTACT WITH INSULATION\***

## Dimensions



## Special Features

Got Nail!™ bar hangers  
q-Channel bars with Pass-N-Thru™  
Slide-N-Side™ junction box  
Quick Connect™ push wire nuts  
Air-Tite™ code compliant

## Ordering Information

Sample Number: H5ICAT 5110WB

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

### Housing

H5ICAT = 5" IC, Air-Tite, New Construction Housing, 120V

### Trims

#### Reflectors



##### 5020 PAR Reflector

OD: 6-3/8" [162mm]

5020P=White Reflector, White Trim

5020H=Haze Reflector, White Trim

5020SC=Clear Specular Reflector, White Trim

5020BL=Black Specular Reflector, White Trim

5020SN=Satin Nickel Reflector, Satin Nickel Trim

5020TBZ=Tuscan Bronze Reflector, Tuscan Bronze Trim



##### 5021 Full Reflector

OD: 6-3/8" [162mm]

5021H=Haze Reflector, White Trim

5021SC=Clear Specular Reflector, White Trim

5021SN=Satin Nickel Reflector, Satin Nickel Trim

5021TBZ=Tuscan Bronze Reflector, Tuscan Bronze Trim



##### 5107 Specular Reflector, Self-flange

OD: 6-5/8" [168mm]

5107SC=Specular Reflector, White Self-flange



##### 5120 Full Cone Reflector, Self-flange

OD: 6-5/8" [168mm]

5120WH=White Reflector, White Self-flange

5120SN=Satin Nickel Reflector, Satin Nickel Self-flange

5120TBZ=Tuscan Bronze Reflector, Tuscan Bronze Self-flange



##### 5121 Shallow Full Cone Reflector, Self-flange

OD: 6-5/8" [168mm]

5121WH=White Reflector, White Oversized Self-flange

#### Baffles



##### 5001 PAR Metal Baffle Splay

OD: 6-3/8" [156mm]

5001P=White Baffle, White Trim

5001MB=Black Baffle, White Trim

5001SN=Satin Nickel Baffle, Satin Nickel Trim

5001TBZ=Tuscan Bronze Baffle, Tuscan Bronze Trim



##### 5010 PAR Metal Step Baffle

OD: 6-3/8" [156mm]

5010W=White Baffle, White Trim

5010=Black Baffle, White Trim



##### 5014 Shallow Metal Baffle, Self-flange

OD: 6-5/8" [168mm]

5014P=White Baffle, White Trim

5014MB=Black Baffle, White Trim



##### 5016 Coilex® Baffle with Reflector

OD: 6-3/8" [162mm]

5016W=White Baffle, White Trim

5016P=Black Baffle, White Trim



##### 5102 Tapered Metal Baffle, Self-flange

OD: 6-5/8" [168mm]

5102WB=White Baffle, White Self-flange

5102BB=Black Baffle, White Self-flange



##### 5109 Coilex® Tapered Baffle, Self-flange

OD: 6-5/8" [168mm]

5109WB=White Plastic Straight Coilex Baffle, White Self-flange

5109BB=Black Plastic Straight Coilex Baffle, White Self-flange

5109BKB=Black Plastic Straight Coilex Baffle, Black Self-flange



##### 5110 Perfex™ Baffle, Self-flange

OD: 6-5/8" [168mm]

5110WB=White Perfex Baffle, White Self-flange

5110WB=Black Perfex Baffle, White Self-flange

5110BKB=Black Perfex Baffle, Black Self-flange



##### 5125 Full Cone Baffle, Self-flanged

OD: 6-5/8" [168mm]

5125WB=White Baffle, White Self-flange

5125BB=White Baffle, Black Self-flange

5125BKB=Black Baffle, Black Self-flange



##### 5126 Shallow Full Cone Baffle, Self-flanged

OD: 6-5/8" [168mm]

5126WB=White Baffle & Self-flanged

5126BB=Black Baffle & White Self-flanged

#### Adjustable - Eyeballs & Gimbals



##### 5060 Adjustable Gimbal 20° Tilt, Self-flange

OD: 6-3/8" [162mm]

5060P=White Gimbal, White Trim



##### 5070 Adjustable Eyeball 30° Tilt, Self-flange

OD: 6-3/8" [162mm]

5070P=White Eyeball, White Trim

5070SN=Satin Nickel Eyeball, Satin Nickel Trim

5070TBZ=Tuscan Bronze Eyeball, Tuscan Bronze Trim



##### 5071 Adjustable Eyeball 30° Tilt, Self-flange

OD: 6-1/2" [165mm]

5071P=White Eyeball, White Trim



##### 5130 Eyeball 35° Tilt, Self-flange

OD: 6-5/8" [168mm]

5130WH=White Eyeball, White Trim



##### 5135 Eyeball 35° Tilt, Self-flange

OD: 6-5/8" [168mm]

5135WH=White Eyeball, White Trim, Self-flanged



##### 5165 Gimbal 35° Tilt, Self-flange

OD: 6-5/8" [168mm]

5165WH=White Gimbal, White Trim

5165BK=Black Gimbal, Black Trim

5165SN=Satin Nickel Gimbal, Satin Nickel Trim

5165TBZ=Tuscan Bronze Gimbal, Tuscan Bronze Trim



##### 5222 Regressed Angle Cut Adjustable Gimbal 30° Tilt, Self-flange

OD: 6-5/8" [168mm]

5222WB=White Baffle and Gimbal, White Trim

5222BB=Black Baffle and Gimbal, White Trim

5222SC=Specular Clear Reflector and Gimbal, White Trim

5222H=Haze Reflector and Gimbal, White Trim

#### Lenses & Wet Location Showerlights



##### 5051 Frosted Glass Lens - Showerlight

OD: 6-7/16" [164mm]

5051PS=Frosted Glass Lens, White Trim



##### 5054 Frosted Glass Dome Lens - Showerlight

OD: 6-3/8" [162mm]

5054PS=Frosted Glass Dome Lens, White Trim

5054SNS=Frosted Glass Dome Lens, Satin Nickel Trim

5054TBZS=Frosted Glass Dome Lens, Tuscan Bronze Trim



##### 5150 Low Profile, Frosted Dome Glass Lens, Self-flange - Showerlight

OD: 6-5/8" [168mm]

5150WH=Frost Dome Glass Lens with Reflector, White Plastic Self-flange

5150SN=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Self-flange

5150TBZ=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



##### 5162 Drop Opal Plastic Lens, Self-flange

OD: 6-5/8" [168mm]

5162WH=Drop Opal Plastic Lens with Reflector, White Plastic Self-flange



##### 5230 Squirrel Frost Glass Lens, Metal Trim, Self-flange - Showerlight

OD: 6-7/8" [174mm]

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



##### 5255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight

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

5255WH=Frost Curve Glass Lens with Reflector, White Plastic Self-flange

5255SN=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Self-flange

5255TBZ=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange



##### 5145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight \*

OD: 6-5/8" [168mm]

5145WH=White Self-flanged

5145SN=Satin Nickel Self-Flanged

5145TBZ=Tuscan Bronze Self-Flanged Lamp Gasket= (Included)



##### 5146 Open Wet Location Full Reflector, Self-flange - Showerlight \*

OD: 6-5/8" [168mm]

5146WH=White Self-flanged

5146SN=Satin Nickel Self-Flanged

5146TBZ=Tuscan Bronze Self-Flanged Lamp Gasket= (Included)

continued

\*Outdoor rated lamp only (purchase separately)

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## Trims

### Open, Splay & Wall Wash



**5000 PAR Metal Splay, Self-flange**

OD: 6-3/8" [162mm]

**5000P**=White Splay, White Trim

**5000SN**=Satin Nickel Splay, Satin Nickel Trim

**5000TBZ**=Tuscan Bronze Splay,  
Tuscan Bronze Trim



**5175 Open, Self-flange**

OD: 6-5/8" [168mm]

**5175WH**=White Self-flange

**5175SN**=Satin Nickel Self-flange

**5175TBZ**=Tuscan Bronze Self-flange



**5176 Open, Self-flange**

OD: 6-5/8" [168mm]

**5176WH**=White Self-flange

**5176SN**=Satin Nickel Self-flange

**5176TBZ**=Tuscan Bronze Self-flange



**5185 Open Splay, Self-flange**

OD: 6-5/8" [168mm]

**5185WH**=White Self-flange

**5185SN**=Satin Nickel Self-flange

**5185TBZ**=Tuscan Bronze Self-flange



**5186 Open Splay, Self-flange**

OD: 6-5/8" [168mm]

**5186WH**=White Self-flange

**5186SN**=Satin Nickel Self-flange

**5186TBZ**=Tuscan Bronze Self-flange

### Accessory

**GA-ATH5-6PK**=T6-Pack AIR-TITE Ceiling  
aperture gaskets. Seals gaps around ceiling cut  
out.