

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 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)



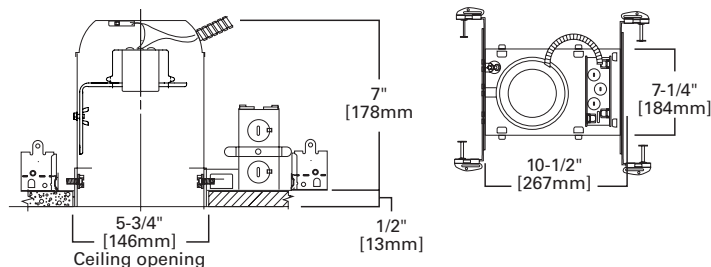
H5ICAT

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: H51CAT 5110WB
 Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

H51CAT = 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
 5109BKBB=Black Plastic Straight Coilex Baffle, Black Self-flange



5110 Perftex™ Baffle, Self-flange
 OD: 6-5/8" [168mm]
 5110WB=White Perftex Baffle, White Self-flange
 5110WB=Black Perftex Baffle, White Self-flange
 5110BKBB=Black Perftex 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
 5125BKBB=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



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

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

*Outdoor rated lamp only (purchase separately)

Ordering Information

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Housing

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

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.