

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
- Options to meet Trade Agreements Act requirements

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



H5ICAT

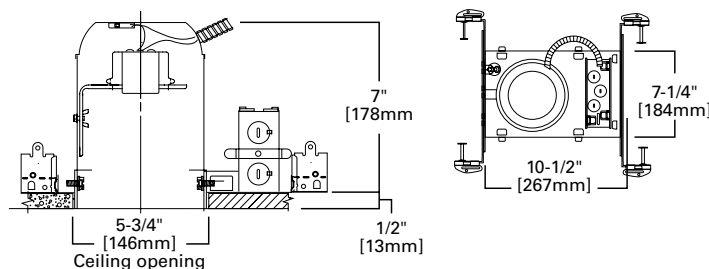
5" IC, New Construction Housing, 120V

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.

Domestic Preferences⁽¹⁾






[Blank] = Standard
TAA = Trade Agreements Act

Housing

H51CAT = 5" IC, Air-Tite, New Construction Housing, 120V

Trims

Reflectors

-  **5200 PAR Reflector**
OD: 6-3/8" [162mm]
5200P=White Reflector, White Trim
5200H=Haze Reflector, White Trim
5200SC=Clear Specular Reflector, White Trim
5200BL=Black Specular Reflector, White Trim
5200SN=Satin Nickel Reflector, Satin Nickel Trim
5200TBZ=Tuscan Bronze Reflector, Tuscan Bronze Trim
-  **5201 Full Reflector**
OD: 6-3/8" [162mm]
5201H=Haze Reflector, White Trim
5201SC=Clear Specular Reflector, White Trim
5201SN=Satin Nickel Reflector, Satin Nickel Trim
5201TBZ=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 Pertex™ Baffle, Self-flange**
OD: 6-5/8" [168mm]
5110WB=White Pertex Baffle, White Self-flange
5110WB=Black Pertex Baffle, White Self-flange
5110BKBB=Black Pertex 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

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=Frosted Dome Glass Lens with Reflector, White Plastic Self-flange
5150SN=Frosted Dome Glass Lens with Reflector, Satin Nickel Plastic Self-flange
5150TBZ=Frosted 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 Squirelle Frost Glass Lens, Metal Trim, Self-flange - Showerlight**
OD: 6-7/8" [174mm]
5230AH=Frost Glass Lens, Aluminum Haze Squirelle Trim
5230PN=Frost Glass Lens, Polished Nickel Squirelle Trim
5230SN=Frost Glass Lens, Satin Nickel Squirelle Trim
5230TBZ=Frost Glass Lens, Tuscan Bronze Squirelle 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

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)

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Housing

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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.

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