HALO®

Description

The H25ICAT recessed housing is designed for residential and light commercial applications. The H25ICAT is designed for use in shallow ceilings and 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 H25ICAT is designed for use in shallow 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
- Snaps into trim for consistent lamp positioning
- 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

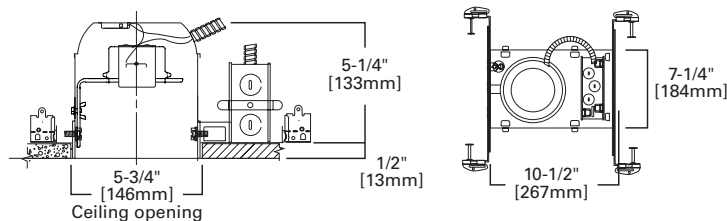*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H25ICAT

5" IC, Shallow New Construction Housing, 120V

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Dimensions

5-1/4" [133mm]
5-3/4" [146mm] Ceiling opening
1/2" [13mm]
7-1/4" [184mm]
10-1/2" [267mm]

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

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Powering Business Worldwide

Ordering Information

Sample Number: H25ICAT 5110WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

H25ICAT = 5" IC, Air-Tite, Shallow New Construction Housing, 120V

Trims

Reflectors

5107 Specular Reflector, Self-flange
OD: 6-5/8" [168mm]
 5107SC=Specular Reflector, White Self-flange

5121 Shallow Full Cone Reflector, Self-flange
OD: 6-5/8" [168mm]
 5121WH=White Reflector, White Oversized
  Self-flange

Baffles

5014 Shallow Metal Baffle, Self-flange
OD: 6-5/8" [168mm]
 5014P=White Baffle, White Trim
 5014MB=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

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

Lenses & Wet Location Showerlights

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

**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

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.

*Outdoor rated lamp only (purchase separately)

c(UL)us
LISTED
For use in Halo listed housings.

CLASSIFIED
c(UL)us
**Select trims are classified for use in
others housings.
See www.eaton.com/lighting/legal.**

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