**DESCRIPTION**

The H99ICAT is a small aperture IC AIR-TITE™ housing for accent and task lighting. It is designed for use in insulated ceilings where it will be in direct contact with insulation. It is an AIR-TITE™ housing designed to prevent air flow between living spaces and unconditioned areas.

**SPECIFICATION FEATURES**

**Housing**
- Double wall aluminum construction helps dissipate heat.
- The inner housing can be adjusted in the plaster frame to compensate for different ceiling materials.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

**Plaster Frame**
- Galvanized steel die-formed construction.
- The inner housing can be removed from plaster frame to provide access to the junction box.
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling.
  - Cutouts for easily crimping hanger bars in position.
  - AIR-TITE aperture gasket is pre-installed.
  - HALO identity embossed on plaster frame

**SLIDE-N-SIDE™ Junction Box**
- Positioned to accommodate straight conduit runs
- Seven 1/2” trade size conduit knockouts with true pry-out slots
- Slide-N-Side wire traps allow non-metallic sheathed cable to be installed without tools and without removing knockouts.
- Accepts a wide range of non-metallic (type NM) sheathed cables - the standard cable types used in lighting in both U.S. and Canada.
- 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 sizes:
  - (US) #14/2, #14/3, #12/2, #12/3
  - (Canada) #14/2, #14/3, #12/2

**Quick Connect™ Connectors**
Three quick connect wiring connectors included.

**GOT NAIL! Pass-N-Thru™ Bar Hangers**
- 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 levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails.
- Housing can be positioned at any point within 24” joist span.
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Score lines allow “toolless” shortening for 12” joists.
- Integral T-bar clip snaps onto T-bars - no additional clips required

**Socket**
Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning and ease of installation.

**Thermal Protector**
Thermal protector deactivates fixture if overheating occurs due to improper lamping.

**Labels**
- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Direct Contact with insulation and combustible material
- UL/cUL Listed for Feed Through

**Qualification**
IC and AIR-TITE™ Certified under ASTM-E283 and listed UL/cUL 1598. May be used to meet insulated ceiling and restricted air-flow requirements such as:
- Washington State Energy Code
- International Energy Conservation Code (IECC)
- New York State Energy Conservation Construction Code (NY-ECCC)
- State of California Title 24 “Recessed Luminaires in Insulated Ceilings.”

**Ceiling opening**
- 4-3/8 inch (111 mm)
- 1/2 inch (13 mm)

**H99ICAT**
4" Insulated Ceiling
AIR-TITE™ Recessed Housing

**4" TRIMS**
FOR USE IN INSULATED CEILINGS
FOR DIRECT CONTACT WITH INSULATION
**ORDERING INFORMATION**

**SAMPLE NUMBER: H99ICAT-999P**

Order housing and trims separately.

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<th>Housing</th>
<th>Trims</th>
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**REFLECTORS**

- Reflector Cone
  - 40W R16, 50W R20, 50W PAR20
  - 999P = Specular Clear, White Trim Ring
  - 999AC = Antique Copper with Antique Copper Trim Ring
  - 999RG = Residential Gold, white trim ring
  - 999W = White Reflector, White Trim Ring
  - 999MB = Specular Black Reflector, White Trim Ring
  - 999SN = Satin Nickel Reflector with Satin Nickel Trim Ring
  - 999TBZ = Tuscan Bronze Reflector with Tuscan Bronze Trim Ring
  - OD: 5 1/16" (129mm)

**BAFFLES**

- Coilex Baffle with Die Cast Trim Ring
  - 30W R20, 35W PAR20
  - 993P = Black Baffle with White Trim Ring
  - 993AC = Black Baffle with Antique Copper Trim Ring
  - 993W = White Baffle with White Trim Ring
  - 993SN = Black Baffle with Satin Nickel Trim Ring
  - 993TBZ = Black Baffle with Tuscan Bronze Trim Ring
  - OD: 5 1/16" (129mm)

- Metal Baffle with Die Cast Trim Ring
  - 30W R20, 35W PAR20, 50W PAR20 with H1999 Socket Extender
  - 953P = Black Baffle with White Trim Ring
  - 953AC = Antique Copper Baffle with Antique Copper Trim Ring
  - 953SN = Satin Nickel Baffle with Satin Nickel Trim Ring
  - OD: 5 1/16" (129mm)

- Full Cone Metal Baffle
  - 40W A19, 50W R20 - ERT413WH only
  - 45W R20, 50W PAR 20
  - ERT413WH = High Gloss Appliance White Trim Ring with White Baffle
  - ERT413 = High Gloss Appliance White Trim Ring with Black Baffle
  - OD: 5 1/16" (129mm)

**ADJUSTABLES**

- Eyeball - 15° Tilt
  - 50W PAR20
  - 996P = White Eyeball
  - 996AC = Antique Copper Eyeball
  - 996SN = Satin Nickel Eyeball
  - 996TBZ = Tuscan Bronze Eyeball
  - OD: 5 1/16" (129mm)

- Eyeball - 30° Tilt
  - 40W R16
  - 998P = White Eyeball
  - 998AC = Antique Copper Eyeball
  - 998PB = Polished Brass Eyeball
  - 998SN = Satin Nickel Eyeball
  - 998TBZ = Tuscan Bronze Eyeball
  - OD: 5 1/16" (129mm)

**SHOWER LIGHT**

- Shower Light, Full Reflector
  - 30W R20, 35W PAR20, 50W PAR20 with H1999 Socket Extender
  - H91PS = Shower Light, White Trim Ring, Glass Lens
  - H91ACS = Shower Light, Antique Copper Trim Ring, Glass Lens
  - H91SNS = Shower Light, Satin Nickel Trim Ring, Glass Lens
  - OD: 5 1/16" (129mm)

- Frosted Dome Lens Shower Light, Cone Reflector
  - 30W R20, 35W PAR20, 50W PAR20 with H1999 Socket Extender
  - H952PS = White Trim Ring, Dome Lens Shower Light

- Metropolitan Ice Light
  - 30W R20
  - 945 = Clear Frosted
  - 945BLUE = Blue Frosted
  - OD: 5 5/8" (143mm)

- Metropolitan Deco
  - 35W R20
  - 946BC = Green Tint Rings with Black Chrome Metal Body
  - 946PB = Green Tint Rings with Polished Brass Metal Body
  - OD: 5 5/8" (143mm)

**Accessories**

- Socket Extender
  - H1999 = Socket extender for use with PAR lamps with 993 Coilex Baffle Trim

**Note:** Specifications and Dimensions subject to change without notice.

Visit our web site at www.cooperlighting.com

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