Description

The H99TAT is a Non-IC Air-Tite™ housing for providing accent, task, and general lighting. The H99T is designed for use in non-insulated ceiling but if insulation is present it MUST be kept 3" from all sides of the housing. Non-IC housing is Air-Tite™ code compliant. May be retrofit with compatible Halo LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

Specification Features

Housing
Formed of CRS with white powder coat finish.
- Housing adjusts for ceilings up to 1" thick

Plaster Frame
Galvanized steel construction. The 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
- Halo name embossed on plaster frame

Includes:
Got Nail!™
- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Safety and guidance system prevents nail 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

Pass-N-Thru™ bars
- Pass-N-Thru™ allows the bars to pass through each other for tool-less shortening in tight spots less than 12" without removing from the plaster frame. Push bars together and flex at score lines until excess can be removed
- Housing positions at any point within 24" joist span
- Bar hangers may be repositioned 90° on the frame on select housings
- (1) Locking screw and multiple crimp points on plaster frame secure bars in place

Slide-N-Side™
- (3) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or 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 (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (7) 1/2" conduit pry-outs positioned to accommodate straight conduits runs [(4) 1/2" conduit pry-outs in Non-IC housing]
- cULus Listed 24 in³ box volume, listed for through-branch (8) No. 12 AWG branch circuit 90°C conductors through the box

Quick Connect™
- (3) Push wire nuts included, for speed & reliability
- Clear caps for wire connection visibility

Air-Tite™ code compliant
- ASTM E283 compliant

Socket
Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning

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 Damp Location Listed
- cULus Listed for Wet Location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- 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
- IP rated (Improper Lamp)
- Options to meet Trade Agreements Act requirements

H99TAT

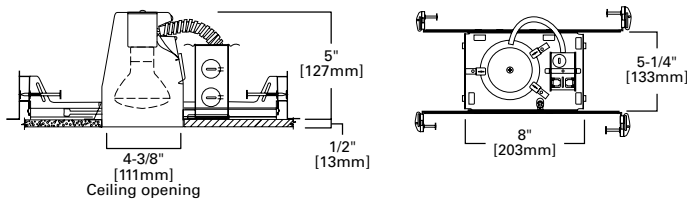**4" Non-Insulated Ceiling AIR-TITE, Shallow New Construction Housing, 120V**

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

AIR-TITE HOUSING RESTRICTS AIRFLOW BETWEEN CONDITIONED AND UNCONDITIONED AREAS

Dimensions

5" [127mm]
1/2" [13mm]
4-3/8" [111mm] Ceiling opening
5-1/4" [133mm]
8" [203mm]

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

COOPER Lighting Solutions

Ordering Information

Sample Number: H99TAT 4003SC
Order housing, trim and lamp (by others) separately for a complete luminaire.

Domestic Preferences(1)	**Housing**
[Blank] = Standard **TAA** = Trade Agreements Act	**H99TAT =** 4"insulated ceiling AIR-TITE housing with adjustable socket bracket

Trims

Reflectors

999 Reflector Cone
OD: 5" [129mm]
 999P=Specular Clear, White Trim
 999RG=Residential Gold, White Trim
 999W=White Reflector, White Trim
 999H=Haze Reflector, White Trim
 999MB=Specular Black Reflector, White Trim
 999SN=Satin Nickel Reflector with Satin Nickel Trim
 999TBZ=Tuscan Bronze Reflector with Tuscan Bronze Trim

4003 Reflector Cone
OD: 5" [120mm]
 4003SC=Specular Clear Reflector, White Trim

Baffles

953 Metal Baffle
OD: 5" [129mm]
 953P=Black Baffle with White Trim
 953W=White Baffle with White Trim
 953SN=Satin Nickel Baffle with Satin Nickel Trim
 953TBZ=Tuscan Bronze Baffle with Tuscan Bronze Trim

990 Pinhole Baffle
OD: 5" [129mm]
 990P=White Pinhole Trim
 990SN=Satin Nickel Pinhole Trim
 990TBZ=Tuscan Bronze Pinhole Trim

992 Wall Wash with Coilex® Baffle
OD: 5" [129mm]
 992P=White Eyelid, Black Baffle, White Trim
 992W=White Eyelid and Baffle, White Trim
 992SN=Satin Nickel Eyelid, Black Baffle, Satin Nickel Trim
 992TBZ=Tuscan Bronze Eyelid, Black Baffle, Tuscan Bronze Trim

993 Coilex Baffle
OD: 5" [129mm]
 993P=Black Baffle with White Trim
 993W=White Baffle with White Trim
 993SN=Black Baffle with Satin Nickel Trim
 993TBZ=Black baffle with Tuscan Bronze Trim

Baffles

4001 Step Baffle
OD:5" [129mm]
 4001BB=Black Plastic Baffle, White Trim
 4001WB=White Plastic Baffle, White Trim

4013 Metal Baffle
OD: 5" [127mm]
 4013BB=Black Metal Baffle, White Trim
 4013WB=White Metal Baffle, White Trim

Adjustable

996 Eyeball 15° Tilt
OD: 5" [129mm]
 996P=White Eyeball
 996SN=Satin Nickel Eyeball
 996TBZ=Tuscan Bronze Eyeball

998 Eyeball 30° Tilt
OD: 5" [129mm]
 998P=White Eyeball, White Trim
 998SN=Satin Nickel Eyeball, Satin Nickel **998TBZ**=Tuscan Bronze Eyeball, Tuscan Bronze

4002 Eyeball
OD: 5" [120mm]
 4002WH=White Eyeball, White Trim

Lens / Wet Location Listed

951 Prismatic Glass Lens with Full Cone Reflector
OD: 5" [129mm]
 951PS=Full Reflector and Glass Lens, White Trim
 951SNS=Full Reflector and Glass Lens, Satin Nickel Trim
 951TBZS=Full Reflector and Glass Lens, Tuscan Bronze Trim

945 Metropolitan Ice Light
OD: 5" [129mm]
 945=Clear Frosted
 945Blue=Blue Frosted

4055 Prismatic Glass Lens Shower Light
OD: 5" [120mm]
 4055WH=Shower Light, White Trim, Prismatic Flat Glass Lens

Mounting Accessories

Filters and Lenses
 The following filters and lenses can be substituted for the cover glass supplied for use with MR16 lamps.

Color Filters
 L112=Red Gel Filter
 L114=Ultraviolet Dichroic Filter
 L120=Red Dichroic Filter
 L121=Amber Dichroic Filter
 L122=Yellow Dichroic Filter
 L123=Green Dichroic Filter
 L124=Daylight Blue Dichroic Filter
 L125=Blue Dichroic Filter
 L127=Cosmetic (2700°K) Dichroic Filter
 L121=Yellow Gel Filter
 L121=Amber Gel Filter

Optical Lenses
 L100N=Diffuse Sand Blasted Lens. Provides an even beam spread from MR16 lamps-especially useful in wall washing.
 L111=Soft Focus Lens. Smoothes irregular beam pattern while maintaining high controlled illumination levels and beam angles.
 L113=Prismatic Spread Lens. Provides a symmetrical broadening of MR16 lamp beams.
 L115=Fans the MR16 beam to produce a wide rectangular illumination pattern.

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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LISTED
For use in Halo listed housings.

Can also be used with the following LED Modules:
LT4 = 4" LED retrofit module
LA4 = 4" LED adjustable retrofit module
RL4 = 4" all-purpose retrofit LED retrofit module
RA4 = 4" adjustable gimbal all-purpose LED retrofit module
RSQ4 = 4" all-purpose square retrofit LED retrofit module
ML4 = 4" LED module (see ML4 spec sheets for trim options)
SLD4 = 4" surface LED downlight
SMD4 = 4" surface LED downlight