

## DESCRIPTION

The H1499TAT is a small aperture low voltage Non-IC AIR-TITE™ housing for providing accent and task lighting. The H1499TAT is designed for use in non-insulated ceilings. Non-IC Housing is AIR-TITE™ but insulation must be kept 3 inches away from all sides of housing.

Catalog #	Type
Project	
Comments	
Prepared by	Date

## SPECIFICATION FEATURES

### Housing

Formed of CRS with powder coat finish.

### Plaster Frame

- Galvanized steel die-formed 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.
  - AIR-TITE aperture gasket is pre-installed.
  - HALO identity embossed on plaster frame

### SLIDE-N-SIDE™ Junction Box

- Positioned to accommodate straight conduit runs
- Four 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.
- Bar hangers may be repositioned 90°.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

### Socket

GU5.3 socket with reflector plate for bi-pin 12V MR-16 lamps.

### Transformer

Integral 120V magnetic transformer steps line voltage down to lamp operating voltage. For lamps up to 50W.

### Thermal Protector

Thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation.

### Labels

- UL/cUL Listed 1598 Luminaire
- UL/cUL Listed for Damp Location
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL listed for Feed Through
- Certified Under ASTM-E283 for air tight construction
- IP rated (Improper Lamp)



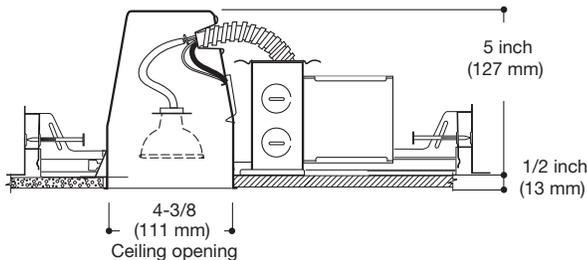
## H1499TAT

**4" Non-Insulated Ceiling AIR-TITE™ Low Voltage Recessed Housing**

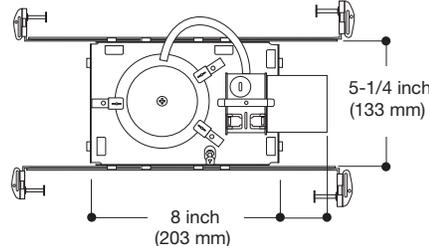
**4" TRIMS**

**FOR USE IN NONINSULATED CEILINGS OR INSULATED CEILINGS WHERE INSULATION CAN BE KEPT 3" FROM ALL SIDES OF FIXTURE**

**Transformer Data:**  
 Primary: 120VAC, 60Hz  
 Secondary: 11.5V±0.3V, 50VA  
 Insulation system: Class H  
 Nominal Amps with 50 watt, 12V rated Lamp: 0.50A  
 Nominal Watts with 50 watt, 12V rated Lamp: 57W



Top View



TRIMS

ORDERING INFORMATION

SAMPLE NUMBER: H1499TAT-1421W  
Order housing and trims separately.

Housing

Trims

H1499TAT= 4" Non-Insulated Ceiling  
Low Voltage Small  
Aperture AIR-TITE Housing

REFLECTORS



1421

**Reflector Cone - 35° Tilt**  
50W 12V MR16  
**1421W**=White Reflector with White Trim Ring  
**1421C**=Specular Clear Reflector with White Trim Ring  
**1421AC**=Antique Copper Reflector, Antique Copper Trim Ring  
**1421H**=Haze Reflector with White Trim Ring  
**1421CG**=Champagne Gold Reflector with White Trim Ring  
**1421RG**=Residential Gold Reflector with White Trim Ring  
**1421MB**=Specular Black Reflector with White Trim Ring  
**1421SN**=Satin Nickel Reflector with Satin Nickel Trim Ring  
**1421TBZ**=Tuscan Bronze Reflector with Tuscan Bronze Trim Ring  
OD: 5-1/16" (129mm)

ADJUSTABLES



1420

**Slot Aperture - 35° Tilt**  
(Slot - 1 3/8" X 2 1/8")  
50W 12V MR16  
**1420P**=White  
**1420AC**=Antique Copper  
**1420SN**=Satin Nickel  
**1420TBZ**=Tuscan Bronze  
OD: 5-1/16" (129mm)



1498

**Eyeball - 30° Tilt**  
50W 12V MR16  
**1498P**=White Eyeball, Black Baffle  
**1498AC**=Antique Copper Eyeball, Black Baffle  
**1498PB**=Polished Brass Eyeball, Black Baffle  
**1498W**=White Eyeball, White Baffle  
**1498BC**=Black Chrome Eyeball, Black Baffle  
**1498SN**=Satin Nickel Eyeball, Black Baffle  
**1498TBZ**=Tuscan Bronze Eyeball, Black Baffle  
OD: 5-1/16" (129mm)



1497

**Adjustable Mirror Trim - 90° Tilt**  
50W 12V MR16  
**1497P**=White  
OD: 5-1/16" (129mm)



1945

**Metropolitan Ice Light**  
50W 12V MR16  
**1945**=Clear Frosted  
**1945BLUE**=Blue Frosted  
OD: 5-5/16" (135mm)



1946

**Metropolitan Deco**  
50W 12V MR16  
**1946PB**=Polished Brass Accent with Green Tint Translucent Rings  
**1946BC**=Black Chrome Accent with Green Tint Translucent Rings  
OD: 5-5/8" (143mm)

BAFFLES



1419

**1 7/8" Open with Baffle - 35° Tilt**  
50W 12V MR16  
**1419P**=Black Baffle, White Trim Ring  
**1419AC**=Black Baffle, Antique Copper Trim Ring  
**1419W**=White Baffle, White Trim Ring  
**1419SN**=Black Baffle, Satin Nickel Trim Ring  
**1421TBZ**=Black Baffle, Tuscan Bronze Trim Ring  
OD: 5-1/16" (129mm)



1495

**Gimbal Adjustable - 30° Tilt**  
50W 12V MR16  
**1495P**=Satin White  
**1495AC**=Antique Copper  
**1495SN**=Satin Nickel  
**1495TBZ**=Tuscan Bronze  
OD: 5-1/16" (129mm)

SHOWER LIGHT



1951

**Regressed Lens Shower Light**  
50W 12V MR16  
**1951P**=Shower Light, White Trim Ring, Specular Reflector  
**1951ACS**=Shower Light, Antique Copper Trim Ring, Specular Reflector  
**1951SNS**=Shower Light, Satin Nickel Trim Ring, Specular Reflector  
**1951TBZS**=Shower Light, Tuscan Bronze Trim Ring, Specular Reflector  
OD: 5-1/16" (129mm)



1493

**Coilex® Baffle - 35° Tilt**  
50W 12V MR16  
**1493P**=Black Baffle, White Trim Ring  
**1493AC**=Black Baffle, Antique Copper Trim Ring  
**1493BC**=Black Baffle, Black Chrome Trim Ring  
**1493PB**=Black Baffle, Polished Brass Trim Ring  
**1493W**=White Baffle, White Trim Ring  
**1493SN**=Black Baffle, Satin Nickel Trim Ring  
**1493TBZ**=Black Baffle, Tuscan Bronze Trim Ring  
OD: 5-1/16" (129mm)



1496

**Retractable Elbow Super Adjustable - 60° Tilt**  
50W 12V MR16  
**1496P**=White Eyeball and Trim Ring  
**1496AC**=Antique Copper Eyeball and Trim Ring  
**1496SN**=Satin Nickel Eyeball and Trim Ring  
**1496TBZ**=Tuscan Bronze Eyeball and Trim Ring  
OD: 5-1/16" (129mm)



1453

**Metal Baffle - 35° Tilt**  
50W 12V MR16  
**1453AC**=Antique Copper Baffle, Antique Copper Trim Ring  
**1453SN**=Satin Nickel Baffle, Satin Nickel Trim Ring  
**1453TBZ**=Tuscan Bronze Baffle, Tuscan Bronze Trim Ring  
OD: 5-1/16" (129mm)

Accessories

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. Smooths 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.

Note: Specifications and Dimensions subject to change without notice.

Visit our web site at [www.cooperlighting.com](http://www.cooperlighting.com)