



# H1499ICAT

**4" Aperture, New Construction, ICAT  
12V Low Voltage, MR16**

An H1499ICAT family housing with an integral low voltage transformer that supplies 12 volts to MR16 lamps. The H1499ICAT is for installations where the housing will be in direct contact with insulation. The H1499ICAT AIR-TITE™ housing also meets restricted air flow requirements.



## FEATURES

### HOUSING

- Double wall aluminum construction for greater heat dissipation.
- Gasketed to prevent airflow from heated or air conditioned spaces.
- Designed for insulated ceilings in direct contact with insulation. (May also be installed in non-insulated ceilings.)

### PLASTER FRAME

Galvanized steel 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.
- HALO name 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.
- 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.

### THERMAL PROTECTOR

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.

### LABELS

- UL/cUL Listed 1598 Luminaire
- UL/cUL Damp Location Listed
- UL/cUL Listed for Wet Location, covered ceiling - with select trims
- UL/cUL Listed for Feed Through
- UL/cUL listed for Direct Contact with insulation and combustible material

### 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."

