

Description

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). H47ICAT is designed for use in insulated ceilings where the housing will be in direct contact with insulation*. H47ICAT is Air-Tite gasketed to limit airflow between conditioned spaces and unconditioned areas.

Catalog #	Type
Project	
Comments	Date
Prepared by	

Specification Features

Housing

- Aluminum double wall housing construction

Plaster Frame

Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite ready ceiling contact gasket

Includes:

Bar Hangers

Got Nail!™

- Integral precisely positioned nail for engineered and natural framing
- Mini-foot leveling flange
- Integral T-Grid Clip, no accessory clips required

q-Channel bars with Pass-N-Thru™

- 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

Hinged junction box w/ Slide-N-Side™

- (3) Slide-N-Side™ Non-Metallic (NM) wire traps, allow wiring outside the box
- For 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian
- (4) ½" conduit pry-outs
- Hinged door for easy access
- Box is repositionable 90° on frame to avoid obstructions

Quick Connect™

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

cULus Listed

- Compact 16 in³ volume
- Listed for max. (10) No. 12 AWG or (14) No. 14 AWG 90° C splice conductors in box

Air-Tite™ code compliant

- Certified under ASTM E283
- Exclusive gasket seals aperture, frame & ceiling
- No additional caulk required

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims

- Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

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)



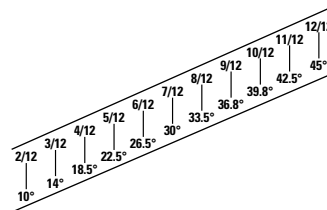
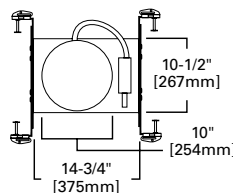
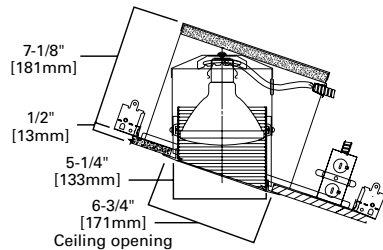
H47ICAT

**6" IC, Air-Tite,
New Construction
Slope Housing**

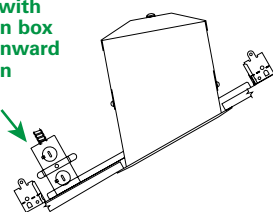
**FOR USE IN INSULATED
CEILINGS**

**FOR DIRECT CONTACT
WITH INSULATION***

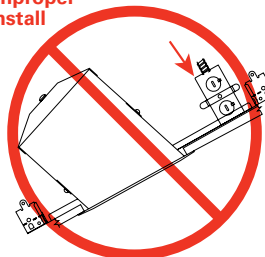
Dimensions



**For proper
slope aiming
install with
junction box
in downward
position**



**Improper
install**



Special Features

- Got-Nail!™ bar hangers
- q-Channel bars with Pass-N-Thru™
- Hinged J-Box with Slide-N-Side™
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Ordering Information

Sample Number: H47ICAT 498P
Order housing, trim and lamp (by others) separately for a complete luminaire.

Housing

H47ICAT = 6" insulated ceiling, airtight, slope ceiling recessed housing, new construction

Trims

Baffles	Adjustables	Lensed
 498 Coilex Baffle 90W PAR38 OD: 7-7/8" [200mm] 498P =Black Baffle, White Trim 498W =White Baffle, White Trim	 78 Eyeball - 30° Tilt 65W BR30, 75W R30 OD: 8" [203mm] 78P =White 78PAT =VWhite, Air-Tite 78SN =Satin Nickel 78TBZ =Tuscan Bronze	 170 Albalite Glass Lens with Reflector 60W A19 OD: 8" [203mm] 170P =Albalite Lens, White Trim 170PS =Albalite Lens, White Trim, Shower light
 496 Coilex Baffle with Reflector 75W A19, 100W R30, 85W BR30, 75W PAR30L OD: 7-7/8" [200mm] 496P =Black Baffle with Clear Reflector, White Trim 496W =White Baffle with Clear Reflector, White Trim	 1417 Low Voltage Eyeball - 30° Tilt 20W 12V MR16 OD: 7-1/4" [184mm] 1417W =White Baffle, White Trim 1417P =Black Baffle, White Trim	