

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

Catalog #	Type
Project	
Comments	
Prepared by	Date

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 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."



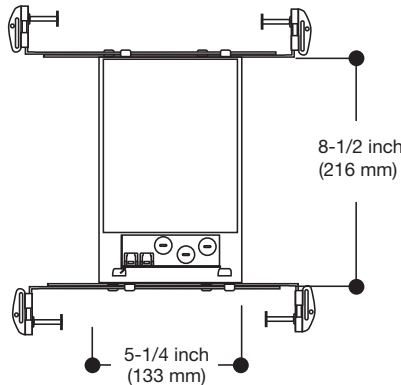
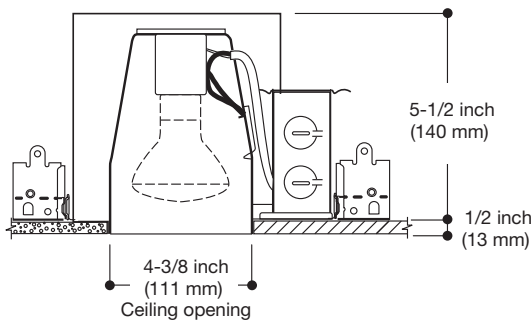
H99ICAT

4" Insulated Ceiling
AIR-TITE™ Recessed
Housing

4" TRIMS

FOR USE IN
INSULATED CEILINGS

FOR DIRECT CONTACT
WITH INSULATION



TRIMS

ORDERING INFORMATION

SAMPLE NUMBER: H99ICAT-999P

Order housing and trims separately.

Housing

Trims

H99ICAT= 4" AIR-TITE™ Insulated Ceiling Small Aperture Housing

REFLECTORS



999

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**999P**=White Reflector, White Trim Ring**999H**=Haze 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



993

Coilex Baffle with Die Cast Trim Ring

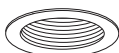
30W R20, 35W PAR20,

50W PAR20 with H1999 Socket Extender

50W R20 with H1999 Socket Extender

993P=Black Baffle with White Trim Ring**993AC**=Black Baffle with Antique Copper Trim Ring**993PB**=Black Baffle with Polished Brass 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)



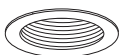
953

Metal Baffle with Die Cast Trim Ring

30W R20, 35W PAR20; 50W PAR20 with H1999 Socket Extender

953P=Black Baffle with White Trim Ring**953W**=White Baffle with White Trim Ring**953AC**=Antique Copper Baffle with Antique Copper Trim Ring**953SN**=Satin Nickel Baffle with Satin Nickel Trim Ring**953TBZ**=Tuscan Bronze Baffle with Tuscan Bronze Trim Ring

OD: 5 1/16" (129mm)



ERT413

Full Cone Metal Baffle

40W A19, (50W R20 - ERT413WHT only), 45W R20, 50W PAR 20

ERT413WHT=High Gloss Appliance White Trim Ring with White Baffle**ERT413**=High Gloss Appliance White Trim Ring with Black Baffle

OD: 5 1/16" (129mm)

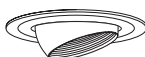
ADJUSTABLES



996

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)

998

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)

OPEN



945

Metropolitan Ice Light

30W R20

945=Clear Frosted**945BLUE**=Blue Frosted

OD: 5 5/16" (135mm)



946

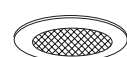
Metropolitan Deco

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)

SHOWER LIGHT



951

**Shower Light, Full Reflector**

30W R20, 35W PAR20; 50W PAR20 with H1999 Socket Extender

951PS=Shower Light, White Trim Ring, Glass Lens**951ACS**=Shower Light, Antique Copper Trim Ring, Glass Lens**951SNS**=Shower Light, Satin Nickel Trim Ring, Glass Lens**951TBZS**=Shower Light, Tuscan Bronze Trim Ring, Glass Lens

OD: 5 1/16" (129mm)



952

**Frosted Dome Lens Shower Light, Cone Reflector**

30W R20, 35W PAR20; 50W PAR20

with H1999 Socket Extender

952PS=White Trim Ring, Dome Lens Shower Light

955

**Shower Light, Cone Reflector**

30W R20, 35W PAR20

955PS=Shower Light, White Trim Ring, Glass Lens

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.

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