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H99ICAT 4" INSULATED CEILING,AIR TIGHT RECESSED HOUSING

COOPER LIGHTING SOLUTIONS

Catalog Number	H99ICAT
Manufacturer	COOPER LIGHTING SOLUTIONS
Description	4" Housing IC Air-Tite Shallow Ceiling 120V Line Voltage
Weight per unit	2.2 (lbs/each)
Product Category	Lighting

Features

Ballast Type	N/A
Lamp Type	Incandescent (Not Included)
Number Of Lamps	N/A
Socket Type	E26
Voltage Rating	120V
Wattage	N/A
Amperage Rating	0.417 at (120V)

Descriptions

Description	4" INSULATED CEILING,AIR TIGHT RECESSED HOUSING
Long Description	4" Housing IC Air-Tite Shallow Ceiling 120V Line Voltage
Product Type	4 In Ic Air-Tite SHLW Ceil 120 Line VLTG
Special Features	120V line voltage shallow ceiling housing
Extra Long Description	ECL H99ICAT 4 IN IC AIR-TITE SHLW C

Manufacturer Information

Brand	Cooper Lighting Solutions
	HALO
GTIN	00080083582259
Manufacturers Part Number	H99ICAT
UPC	783363

Taxonomies, Classifications, and Categories

Category Description	All Recessed Cans & Trims
Type	4" H99 Housing

Availability

Status	Inactive

Packaging

Carton	1
Weight Per Each	2.2 (lbs/each)

Uses, Certifications, and Standards

Application	lighting
Standard	UL/cUL Listed - Damp Location;UL/cUL Listed - Wet Location;Airtite

Description

The H99ICAT is an IC Air-Tite™ housing for accent, task, and general lighting. It is designed for use in insulated ceilings where it will be in direct contact with insulation*. Air-Tite™ housing designed to restrict air flow between conditioned spaces and unconditioned areas. May be retrofit with compatible Halo LED lighting systems.

Catalog #		**Type**
Project		
Comments		**Date**
Prepared by		

Specification Features

Housing
- Outer Housing: aluminum construction helps dissipate heat
- Inner Housing: double wall aluminum construction helps dissipate heat
- The inner housing can be removed from plaster frame to provide access to the junction box
- For insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Inner housing adjusts for ceilings up to 1" thick

Plaster Frame
- Galvanized steel die-formed construction
- 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

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 in^3 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

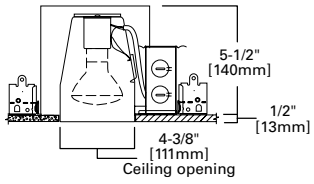
Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

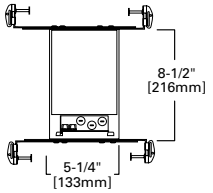
Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

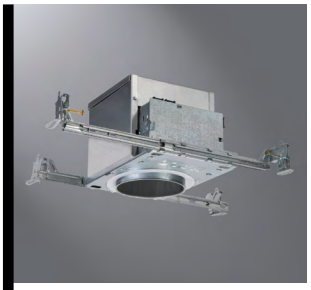
Compliance
- cULus Listed 1598 Luminaire
- cULus Damp Location Listed
- cULus Listed for Wet Location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus listed for direct contact with insulation and combustible material*
- RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- Options to meet Trade Agreements Act requirements

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

Dimensions







H99ICAT

4" 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

Special Features

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

Ordering Information

Sample Number: H99ICAT 4003SC
Order housing, trim and lamp (by others) separately for a complete luminaire.

Domestic Preferences[1]

[Blank] = Standard
TAA = Trade Agreements Act

Housing

H99ICAT = 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
OD: 5" [129mm]
4003=Specular Relector, White Trim

Baffles



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



993 Coilex Baffle
OD: 5" [129mm]
993P=Black Baffle with White 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



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



4010 Metal Baffle
OD: 5" [129mm]
4001BB=Black Baffle, White Trim
4001WB=White Baffle, White Trim



4013 Full Cone Metal Baffle, Self-flanged
OD: 5" [129mm]
4001BB=Black Baffle, White Trim
4001WB=White Baffle, White Trim

Adjustable



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



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



4002 White Eyeball 30° Tilt
OD: 4-3/4" [120mm]
4002=White Eyeball, White Trim

Lens / Wet Location Listed



945 Metropolitan Ice Light
945=Frosted Glass
945B=Frosted Blue Glass



951 Prismatic Glass Lens with Full Cone Reflector
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



952 Cone Reflector
952PS=White Trim Ring, Dome Lens Shower Light



4055 Prismatic Glass Lens with Cut-Cone Reflector
OD: 5" [129mm]
4055=Flat Glass Lens, White Trim

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

COOPER Lighting Solutions

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Specifications and dimensions subject to change without notice.