

DESCRIPTION

The H471RICAT is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation. This AIRTITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The 18W electronic compact fluorescent ballast meets stringent Energy Star requirements including FCC Title 47 CFR part 18 for Consumer equipment. The H471RICAT offers a wide choice of trim types including reflector, baffle, and lensed shower trims. The H471RICAT is warranted for 2 years.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

Housing

Single wall aluminum housing. Openings are gasketed for AIRTITE installation. 5 1/2" height allows use in 2"x 6 joist construction. AIRTITE gasket is pre-installed.

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Slide-N-Side™ connectors allow non-metallic sheathed cable to be installed without tools and without removing knockouts. Accepts a wider range of nonmetallic sheathed cable – the standard cable types used in lighting for 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 types:
(US) #14/2, #14/3, #12/2, #12/3
(Canada) #14/2, #14/3, #12/2

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material.

Socket

GX24q-2 socket for one 18WTTT - Triple Twin Tube 4 pin lamp.

Lamp

Compact Fluorescent lamp (by others).
Generic 18Watt Lamp Designations
TTT-Triple Twin Tube (CFTR)
• CFTR18W/GX24q 2700K
• CFTR18W/GX24q 3000K
• CFTR18W/GX24q 3500K
• CFTR18W/GX24q 4100K
DDT-Double Twin Tube (CFQ) 18W lamps are not recommended with this fixture due to the longer overall length of 18W DDT lamps.
• 12,000 hour rated average life
• 82 CRI rated lamps provide excellent color and high visual comfort.
• Color temperature (warm to cool) options offer 2700K warm or 3000K medium warm incandescent-like light or 3500 medium cool or 4100 cool light.

Electronic Ballast

Thermally protected, fused, 120 volt electronic ballast provides full light output and rated lamp life. Provides flicker free and noise free operation and starting. End of lamp life protection is standard. Meets FCC EMI/RFI Consumer Level limits.

Labels

- UL Listed for Damp Location
- UL Listed wet location with select trims
- UL Listed for Direct Contact with Insulation and combustible material
- UL/cUL Listed

Compliance - IC/AIR-TITE

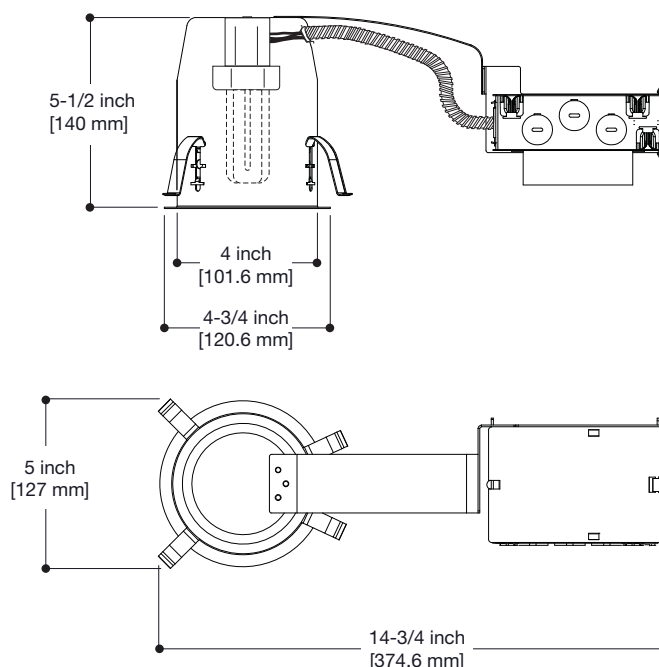
- State of California Title 24 - High Efficacy Compliant
- Washington State Energy Code
- New York State Energy Conservation Construction Code
- International Energy Conservation Code (IECC) - High Efficacy Compliant
- Energy Star Qualified
- Certified AIR-TITE under ASTM-E283



H471RICAT

**4 Inch
Insulated Ceiling
Air-Tite™ Remodel
Recessed Housing
18W TTT
Compact Fluorescent**

FOR USE IN
INSULATED CEILINGS
FOR DIRECT CONTACT
WITH INSULATION
CAN BE INSTALLED
FROM BELOW THE
CEILING



Energy Data

Min. Starting Temp 0°C	Sound Rating Class P
EMI/RFI Emissions FCC 47CFR Part 18 Consumer Limits	
Input Frequency 60 Hz	Power Factor > 0.50
THD < 150%	Input Voltage 120V
Crest Factor < 1.70	Ballast Factor 1.0
18W	Input Power 21W
	Input Current 0.34A

airtite™



ORDERING INFORMATION

SAMPLE NUMBER: H471RICAT-955PS
Order housing and trims separately.

Housing

H471RICAT=4" Insulated Ceiling
18 Watt Compact
Fluorescent AIR-TITE™
Remodel Housing

2 YEAR LIMITED WARRANTY
Energy Star Labeled Recessed Lighting
Cooper Lighting (The Company) warrants this product ("the product") against defects in material or workmanship for a period of two years from date of original purchase, and agrees to repair or, at the company's option, replace a defective product without charge for either replacement parts or labor during such time. This does not include labor to remove or install fixtures. This warranty is extended only to the original purchaser of the product. A purchasers receipt or other proof of date of original purchase acceptable to the Company is required before warranty performance shall be rendered. This warranty only covers product failure due to defects in materials or workmanship which occurs in normal use. It does not cover the bulb or failure of product caused by accident, misuse, abuse, lack of reasonable care, alteration, or faulty installation, subjecting the product to any but the specified electrical service or any other failure not resulting from defects in materials or workmanship. Damage to the product caused by separately purchased, non-Company supplied components or bulbs, and corrosion or discoloration of components are not covered by this warranty. There are no express warranties except as described above.
THE COMPANY SHALL NOT BE LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL IMPLIED WARRANTIES, IF ANY, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. No other warranty, written or verbal, is authorized by the Company. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To obtain warranty service, please write to Cooper Lighting, 1121 Highway 74 South, Peachtree City Georgia 30269. Enclose product model number and problems you are experiencing, along with address and telephone number. You will then be contacted with a solution or a Return Goods Authorization number and full instructions for returning the product. All returned products must be accompanied by a Return Goods Authorization Number issued by the Company and must be returned freight prepaid. Any product received without a Return Goods Authorization Number from the Company will be refused. Cooper Lighting is not responsible for merchandise damaged in transit. Repaired or replaced products shall be subject to the terms of this warranty and are inspected when packed. Evident or concealed damage that is made in transit should be reported at once to the carrier making the delivery and a claim filed with them.

Trims

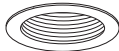
REFLECTORS



999

Specular Reflector Cone
999P=Specular Clear, White Trim Ring
999W=White Reflector, White Trim Ring
999RG=Residential Gold, 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
999AC=Antique Copper Reflector with Antique Copper Trim Ring
999TBZ=Tuscan Bronze Reflector with Tuscan Bronze Trim Ring
OD: 5 1/16" (129mm)

BAFFLES



953

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

SHOWER LIGHT



952

Shower Light
952PS=Shower Light, White Trim Ring, Dome Lens
OD: 5 1/16" (129mm)