

DESCRIPTION

The H470RICAT 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 13W electronic compact fluorescent ballast meets FCC Title 47 CFR part 18 for Consumer equipment. The H470RICAT offers a wide choice of trim types including reflector, baffle, and lensed shower trims.

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

G24q-1/GX24-1 socket for one 13W TTT - Triple Twin Tube 4 pin lamp.

Lamp

Compact Fluorescent lamp (by others).
TTT-Triple Twin Tube (CFTR)
• CFTR13W/GX24q 2700K
• CFTR13W/GX24q 3000K
• CFTR13W/GX24q 3500K
• CFTR13W/GX24q 4100K
DTT-Double Twin Tube (CFQ) 13W lamps may be used, but are not recommended with this fixture due to the longer overall length of 13W DTT 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

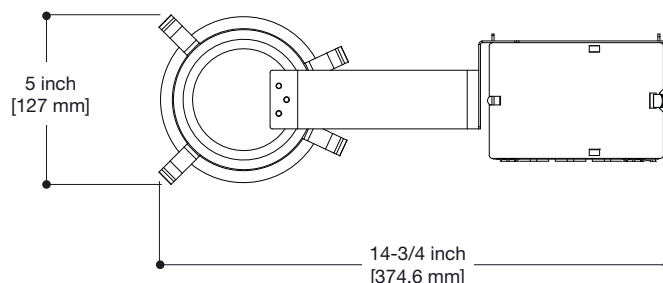
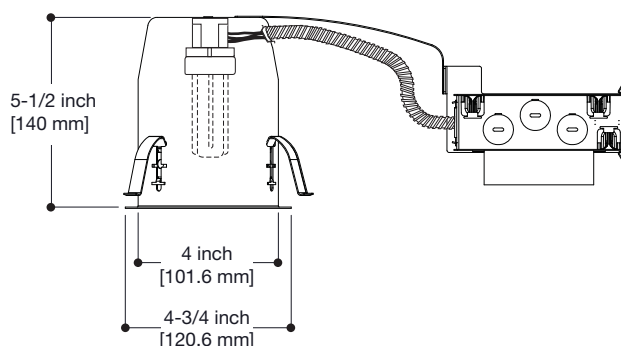
- State of California Title 24 - High Efficacy Compliant
- Washington State Energy Code
- New York State Energy Conservation Construction Code
- International Energy Conservation Code (IECC) - High Efficacy Compliant
- Certified AIR-TITE under ASTM-E283



H470RICAT

**4 Inch
Insulated Ceiling
AIR-TITE™ Remodel
Recessed Housing
13W 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 < 1.58	Ballast Factor 1.0
13W	Input Power 15W
	Input Current 0.26A max

airtite™



ORDERING INFORMATION

SAMPLE NUMBER: H470RICAT-955PS
 Order housing and trims separately.

Housing

H470RICAT=4" Insulated Ceiling
 13 Watt Compact
 Fluorescent AIR-TITE™
 Remodel Housing

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



993

Coilex Baffle with Die Cast Trim Ring

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

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

OPEN



945

Metropolitan Ice Light

945=Clear Frosted
 945BLUE=Blue Frosted
 OD: 5 5/16" (135mm)



946

Metropolitan Deco

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



955

Shower Light

955PS=Shower Light, White Trim Ring, Flat Lens
 OD: 5 1/16" (129mm)



952

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



ERT455

ERT455=Shower Light, Gloss White Trim Ring, Flat Lens
 OD: 5 1/16" (129mm)