

DESCRIPTION

The H272ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation. This AIR-TITE™ housing design prevents airflow between attic and living areas and saves on both heating and air conditioning costs. The 26W electronic compact fluorescent ballast meets FCC Title 47 CFR part 18 for Consumer equipment. The H272ICAT offers a wide choice of trim types including reflector, lensed and wall wash trims.

Catalog #		Type
Project		
Comments		Date
Prepared by		

DESIGN FEATURES

Housing

Single wall aluminum housing. Openings are gasketed for AIR-TITE installation. 7-3/8" height allows use in 2"x 8" joist construction. Housing adjusts for ceilings up to 1-1/8" thick. AIR-TITE ceiling-to-housing installation gasket included.

Plaster Frame

Includes regressed locking screw for hanger bars and cutouts for crimping hanger bars in position.

Junction Box

- Listed for through branch circuit wiring
- Positioned to accommodate straight conduit runs
- 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 non-metallic 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

Bar Hangers

Bar Hanger Features include:

- 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
- Score lines allow "tool-less" shortening for 12" joists
- Bar hangers may be repositioned 90°
- Bar hangers do not need to be removed from frame for shortening
- Integral T-bar clips snaps onto T-bars - no additional clips required

Socket

G24q-3/GX24-3 socket for one 26W DTT* - Double Twin Tube (Quad) or 26W TTT - Triple Twin Tube 4 pin lamp.

* 26W DDT lamp not listed for use with all trims. See trim listing on page 2

Lamp

Compact Fluorescent lamp (by others).
Generic 26 Watt Lamp Designations
*DTT-Double Twin Tube (Quad) (CFQ)
• CFQ26W/G24q 2700K
• CFQ26W/G24q 3000K
TTT-Triple Twin Tube (CFTR)

- CFTR26W/GX24q 2700K
- CFTR26W/GX24q 3000K
- 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.

* 26W DDT lamp not listed for use with all trims. See trim listing on page 2

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

Compliance

- State of California Title 24
- Washington State Energy Code
- New York State Energy Conservation Construction Code
- International Energy Conservation Code
- Certified AIR-TITE under ASTM-E283



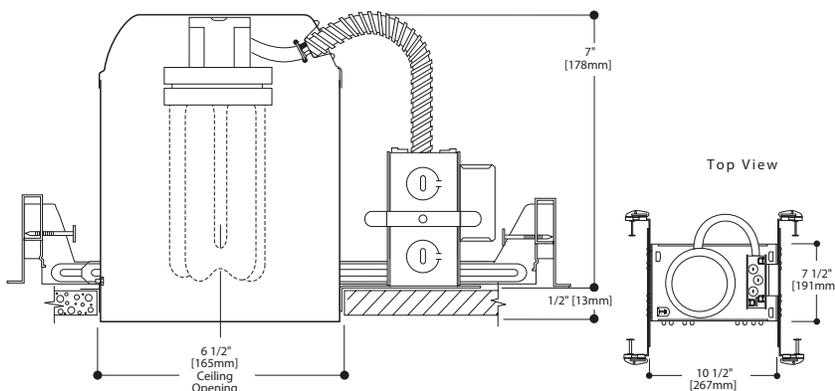
H272ICAT

6" Insulated Ceiling Compact Fluorescent AIR-TITE™ Recessed Housing 26 Watt Compact Fluorescent

6" TRIMS

FOR USE IN INSULATED CEILINGS FOR DIRECT CONTACT WITH INSULATION

DIMENSIONS



Lamp/Ballast Energy Data

Rated Lamp Watts: 26W
 Voltage: 120V
 Input Current: 0.23A
 Input Power (ANSI Watts): 28W



TRIMS

ORDERING INFORMATION

SAMPLE NUMBER: H272ICAT - 470SC
 Order housing, trim and accessories seperately.

Housing

H272ICAT =Insulated Ceiling
 26W Compact Fluorescent
 AIR-TITE Housing

Trims

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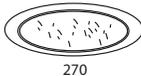
470
 Reflector, White Self Flange Trim Ring
 26W DTT, 26W TTT compact fluorescent
 470SC =Specular Clear
 470H =Haze
 470CG =Champagne Gold
 470RG =Residential Gold
 OD: 7 1/4" (184mm)
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ERT770
 Reflector, Gloss White Trim Ring,
 Torsion Springs
 26W DTT, 26W TTT compact fluorescent
 ERT770TS =Clear Specular Reflector
 ERT770MTS =Matte Reflector
 OD: 7 1/4" (184mm)
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ERT771
 Gloss White Reflector with Torsion
 Springs
 26W DTT, 26W TTT compact fluorescent
 ERT771TS =Gloss White Reflector
 OD: 7 1/4" (184mm)
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406
 Coilex Baffle with Torsion Springs
 26W DTT, 26W TTT compact fluorescent
 406BA =Black Baffle, White Trim Ring
 406WB =White Baffle, Clear Reflector,
 White Trim Ring
 406WWB =White Baffle, White
 Reflector, White Trim Ring
 OD: 7 1/4" (184mm)
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ERT772
 Metal Baffle with Torsion Springs
 26W DTT, 26W TTT compact fluorescent
 ERT772TS =Black Baffle, Gloss White
 Upper Reflector, Gloss White Trim
 Ring
 ERT772WHTTS =Gloss White Baffle,
 Gloss White Upper Reflector, Gloss
 White Trim Ring
 OD: 7 1/4" (184mm)
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271
 Drop Opal Lens
 26W DTT, 26W TTT compact fluorescent
 271PS =Wet Location Listed Shower
 Light with Drop Opal Lens and
 White Trim Ring
 OD: 8" (203mm)
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270
 Albalite Lens with Reflector
 26W TTT compact fluorescent only
 270PS =Albalite Lens Wet Location
 Listed Shower Light with Full
 Reflector and White Trim Ring
 OD: 8" (203mm)

Trims

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370
 Regressed Albalite Lens
 with Reflector
 26W TTT compact
 fluorescent lamp only
 370W =Albalite Lens Wet
 Location Listed Shower
 Light with Full Reflector
 and White Trim Ring
 OD: 8" (203mm)
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272
 Dome Shower Light
 26W DTT, 26W TTT
 compact fluorescent
 272PS = Dome Shower
 Light with Full Reflector,
 White Trim Ring and
 Frosted Glass
 Dome
 OD: 8" (203mm)
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75
 Frosted Glass Diffuser
 (TTT Lamp Only in 26W)
 75=Glass Diffuser
 OD: 7 3/4" (197mm)
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424
 Wall Wash
 424P =Wall Wash
 OD: 7 1/4" (184mm)

Accessories

- Accessories
- Gasket Kit
 GA-ATH7-6PK =Spare AIR-TITE Ceiling
 Gasket Kit, 6 pieces
 - Oversize Trim Rings
 for use when ceiling opening is cut too
 large.
 OT400P =9 1/4" White Metal
 OT403P = 8" White Plastic