

## 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

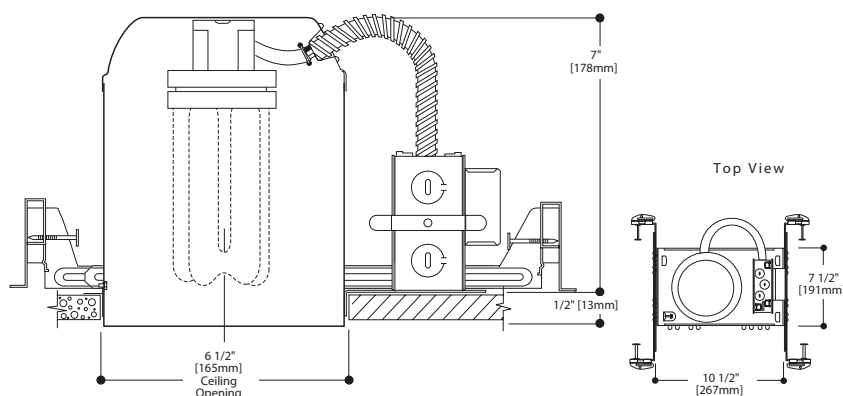
**6" Insulated Ceiling  
Compact Fluorescent  
AIR-TITE™ Recessed  
Housing  
26 Watt Compact  
Fluorescent**

### 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

*airtite*

Can be used for  
**IECC**  
International Energy  
Conservation Code  
High Efficacy  
Compliance

Can be used for  
**T24**  
California Title 24  
High Efficacy  
Compliance

## TRIMS

## ORDERING INFORMATION

SAMPLE NUMBER: H272ICAT - 470SC

Order housing, trim and accessories separately.

## Housing

## Trims

## Trims

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



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)



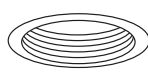
ERT770

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)



ERT771

Gloss White Reflector with Torsion  
Springs  
26W DTT, 26W TTT compact fluorescent  
ERT771TS =Gloss White Reflector  
OD: 7 1/4" (184mm)



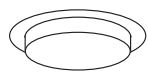
406

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)



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)



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)



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)



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)



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)



75

Frosted Glass Diffuser  
(TTT Lamp Only in 26W)  
75=Glass Diffuser  
OD: 7 3/4" (197mm)



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

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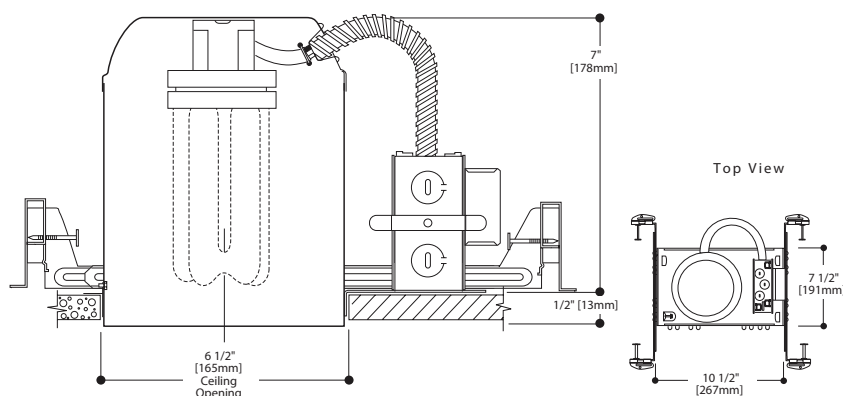
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AIR-TITE™ Recessed  
Housing  
26 Watt Compact  
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FOR DIRECT CONTACT  
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*air-tite*

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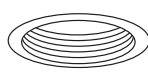
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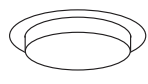
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26W TTT compact fluorescent only  
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Listed Shower Light with Full  
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Regressed Albalite Lens  
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26W TTT compact  
fluorescent lamp only  
370W =Albalite Lens Wet  
Location Listed Shower  
Light with Full Reflector  
and White Trim Ring  
OD: 8" (203mm)



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)



75

Frosted Glass Diffuser  
(TTT Lamp Only in 26W)  
75=Glass Diffuser  
OD: 7 3/4" (197mm)



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