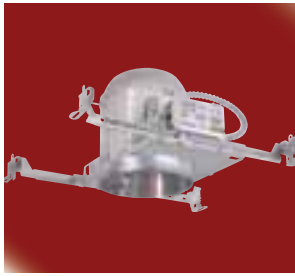


# HALO®



## H270ICAT H271ICAT H272ICAT

**6" Aperture  
IC AIR-TITE**  
Energy Star Qualified  
Meets California Title 24  
Compact Fluorescent

### RECESSED DOWNLIGHTING

- IC AIR-TITE™ housing
- Electronic Ballast
- Housing may be covered with insulation
- AIR-TITE housing prevents airflow between attic and living areas
- For use with 4-pin compact fluorescent lamps

#### Energy Data:

##### H270ICAT

(1) 13W DTT or TTT, 4-pin CFL  
Type: CFQ13W/G24Q or  
CFTR13W/GX24q

Ballast: 120V  
Input Watts: 15  
120V Line Amps: 0.26  
Power Factor: >.50  
Ballast Factor: 1.00  
Min Start Temp: 0°F/-18°C  
THD: <150%  
Crest factor: <1.7  
Sound rating: A  
EMI/RFI: FCC 47CFR Part 18 Consumer

##### H271ICAT

(1) 18W DTT or TTT, 4-pin CFL  
Type: CFQ18W/G24Q or  
CFTR18W/GX24q

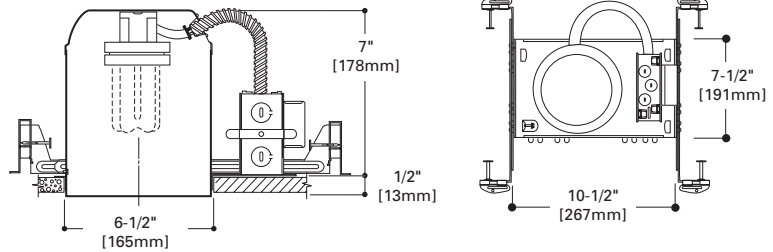
Ballast: 120V  
Input Watts: 22  
120V Line Amps: 0.34  
Power Factor: >.50  
Ballast Factor: 1.05  
Min Start Temp: 0°F/-18°C  
THD: <150%  
Sound rating: A  
EMI/RFI: FCC 47CFR Part 18 Consumer

##### H272ICAT

(1) 26W DTT or TTT, 4-pin CFL  
Type: CFQ26W/G24Q or  
CFTR26W/GX24q

Ballast: 120V  
Input Watts: 28  
120V Line Amps: 0.40  
Power Factor: >.50  
Ballast Factor: .98  
Min Start Temp: 0°F/-18°C  
THD: <150%  
Sound rating: A  
EMI/RFI: FCC 47CFR Part 18 Consumer

### DIMENSIONS



### DESCRIPTION

The H270ICAT, H271ICAT and H272ICAT housings are designed for insulated ceilings and can be in direct contact with ceiling insulation. The electronic compact fluorescent ballast meets stringent Energy Star requirements including FCC Title 47 CFR part 18 for Consumer equipment. Energy Star qualified products carry a two year limited warranty.

#### Housing

Single wall aluminum housing. Sealed for AIRTITE installation. Housing height allows use in 2" x 8" joist construction. Housing adjusts for ceilings up to 1 3/8" thick. AIR-TITE ceiling-to-housing installation gasket included. Air-tite self adhesive gasket supplied with housing to complete ASTM-E283 installation

#### Plaster Frame

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

#### Slide-N-Side™ Junction Box

- UL Listed for through branch circuit wiring (maximum 8 No.12 ga., 90°C conductors).
- Seven 1/2" trade size conduit knockouts .
- Slide-N-Side™ wire traps allow non-metallic sheathed cable to be installed without tools and 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 sheathed cable sizes:  
(US) #14/2, #14/3, #12/2, #12/3  
(Canada) #14/2, #14/3, #12/2

#### GOT NAIL! Pass-N-Thru™ Bar Hangers.

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams.
- Score lines allow "toolless" shortening for 12" joists.
- Bar hangers can be repositioned 90° on plaster frame
- 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
- Pass-N-Thru™ feature allows bar hangers to be shortened without removing from plaster frame.
- Integral T-bar clip snaps onto T-bars - no additional clips required.

#### Socket

Socket for one Double Twin Tube (Quad) or - Triple Twin Tube 4 pin lamp.  
H270ICAT - G24q-1/GX24-1 socket  
H271ICAT - G24q-2/GX24-2 socket  
H272ICAT - G24q-3/GX24-3 socket

#### Lamp

Compact Fluorescent lamp (by others).  
Generic Lamp Designations  
DTT-Double Twin Tube (Quad) (CFQ)  
-H270ICAT  
• CFQ13W/G24q 2700K  
• CFQ13W/G24q 3000K  
-H271ICAT  
• CFQ18W/G24q 2700K  
• CFQ18W/G24q 3000K  
-H272ICAT  
• CFQ26W/G24q 2700K

- CFQ26W/G24q 3000K TTT-Triple Twin Tube (CFTR) -H270ICAT  
• CFTR13W/GX24q 2700K  
• CFTR13W/GX24q 3000K -H271ICAT  
• CFTR18W/GX24q 2700K  
• CFTR18W/GX24q 3000K -H272ICAT  
• CFTR26W/GX24q 2700K  
• CFTR26W/GX24q 3000K
- Available lamps (by others) offer  
-Over 10,000 hour life  
- 82 CRI for good color rendering and visual impact
- Color temperature (warm to cool) options offer 2700K warm or 3000K medium-warm incandescent-like 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/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

- Meets following requirements:
- State of California Title 24 High Efficacy Luminaire
  - Washington State Energy Code
  - International Energy Conservation Code (IECC)
  - New York State Energy Conservation Construction Code
  - Certified Under ASTM-E283
  - Energy Star Qualified



#### GA-ATH5-6PK

6-pack H5ICAT Air-Tite™ gaskets

A housing gasket is the final step in completing an air-tight, code-compliant installation. Halo makes this final step simple by including an AirTite™ gasket in each housing to complete the final installation of the can opening. Should the gaskets be lost or discarded - during the rough-in phase of installation these replacement kits are available.

**HALO®**

**H270ICAT  
H271ICAT  
H272ICAT**

**H270RICAT  
H271RICAT  
H272RICAT**

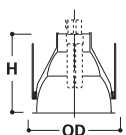


**470  
Specular Reflector**

- Self flanged full reflector
- Torsion spring retention
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WDTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT

Height:  
6" [152mm]  
OD:  
6-3/4" [171mm]



**470CG**  
White Trim with Champagne Gold Reflector

**470RG**  
White Trim with Gold Reflector

**470SC**  
White Trim with Clear Specular Reflector



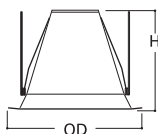
**470H**  
White Trim with Haze Reflector

**ERT770  
Reflector**

- Torsion springs pull trim tight against ceiling
- Self flanged trim ring
- Gloss White trim ring
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WDTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT

Height:  
5-3/8" [136mm]  
OD:  
7-1/4" [184mm]



**ERT770MTS**  
Gloss White Trim ring, Matte Reflector

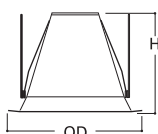
**ERT770TS**  
Gloss White Trim Ring, Clear Specular Reflector

**ERT771 - Reflector**

- Torsion springs pull trim tight against ceiling
- Self flanged trim ring
- Gloss White trim ring
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WDTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT

Height:  
5-3/8" [136mm]  
OD:  
7-1/4" [184mm]



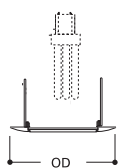
**ERT771TS**  
Gloss White Trim Ring and Reflector

**70- Albalite Lens**

- White Trim with Frosted Glass Lens
- PS version is wet location listed for use in showers with non-conductive, non corrosive gasketed polymer trim
- Torsion Spring construction
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT

OD:  
8" [203mm]



**70PS**  
Wet Location listed Shower Light, White Trim with Frosted Albalite Lens

**70P**  
White Trim with Frosted Albalite Lens

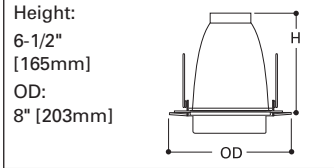
**H270ICAT**  
**H271ICAT**  
**H272ICAT**

**H270RICAT**  
**H271RICAT**  
**H272RICAT**



**271 - Drop Opal Lens**

- White Trim with Drop opal glass lens and reflector
- Wet location listed for use in showers with non conductive, non-corrosive gasketed polymer trim
- Torsion spring retention
- Lamps:

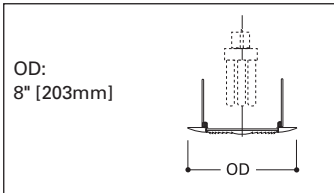


**271PS**  
Wet Location listed White Trim with Drop Opal Lens

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WDTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT

**73 - Fresnel Lens**

- White Trim with glass Fresnel Lens
- Wet location listed for use in showers with non conductive, non-corrosive gasketed polymer trim
- Torsion spring retention
- Lamps:



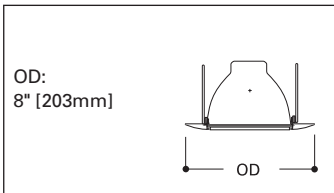
**73PS**  
Wet Location listed Shower Light White Trim with Fresnel Lens

**73P**  
White Trim with Fresnel Lens

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT

**270- Albalite Lens**

- White Trim with frosted glass lens and reflector
- Wet location listed for use in showers with non conductive, non-corrosive gasketed polymer trim
- Torsion spring retention
- Lamps:

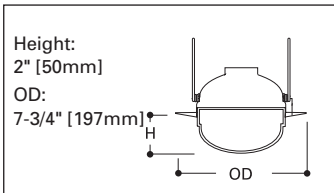


**270PS**  
Wet Location listed White Trim with Frosted Albalite Lens

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WTTT

**272 Dome Shower Light**

- Features:
- Frosted Glass Dome and reflector
  - Wet location listed for use in showers with non conductive, non-corrosive gasketed polymer trim
  - Torsion spring retention
  - Lamps:



**272PS**  
Wet Location Listed White Trim with Frosted Glass Dome

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WDTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT

**HALO®**

**H270ICAT  
H271ICAT  
H272ICAT**

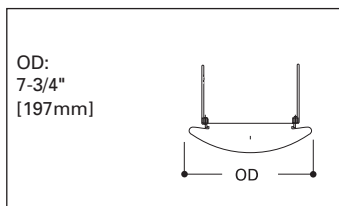
**H270RICAT  
H271RICAT  
H272RICAT**



**75  
Diffuser**

- Features:
- All glass diffuser
  - Provides some illumination on the ceiling plane
  - Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WDTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT

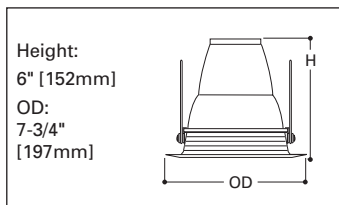


**75**  
All Glass Diffuser

**370W  
Regressed Albalite Lens with  
Baffle**

- Trim consists of regressed albalite lens, white baffle and torsion springs
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	-- 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	-- 26WTTT

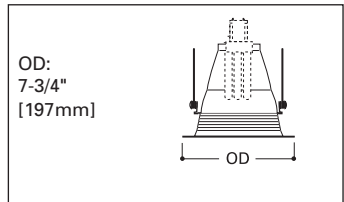


**370W**  
Regressed Albalite Lens with  
White Baffle

**406  
Baffle**

- Trim consists of baffle, reflector and torsion springs
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WTTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT



**406WWB**  
White Baffle with White  
Reflector and Torsion Springs

**406WB**  
White Baffle with Clear  
Specular Reflector and Torsion  
Springs

**406BA**  
Black Baffle with Clear Specular  
Reflector and Torsion Springs

**H270ICAT**  
**H271ICAT**  
**H272ICAT**

**H270RICAT**  
**H271RICAT**  
**H272RICAT**



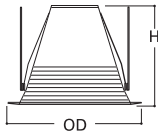
**ERT772T**

**Baffle with Reflector**

- Self flanged trim with gloss white trim ring
- Trim consists of baffle, reflector and torsion springs
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WTTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT

Height:  
 5-3/8" [136]  
 OD:  
 7-3/4"  
 [197mm]



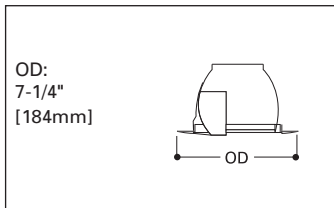
**ERT772WHTTS**  
 Gloss White Trim Ring, Gloss White Baffle with White Reflector and Torsion Springs

**ERT772TS**  
 Gloss White Trim Ring, Black Baffle with Torsion Springs

**424 - Wall Wash/Reflector Downlight**

- Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters
- Lamps:

<b>H270ICAT</b>	13WDTT or 13WTTT
<b>H271ICAT</b>	18WDTT or 18WTTT
<b>H272ICAT</b>	26WDTT or 26WTTT
<b>H270RICAT</b>	13WDTT or 13WTTT
<b>H271RICAT</b>	18WDTT or 18WTTT
<b>H272RICAT</b>	26WDTT or 26WTTT



**424P**  
 White Trim