

## DESCRIPTION

The H7 recessed housing is the standard in the industry for both commercial and residential applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. H7ICAT is for installations where the housing will be in direct contact with insulation. The H7ICAT housing meets restricted air flow requirements.

## DESIGN FEATURES

- A...Housing**  
Aluminum construction for greater heat dissipation. H7ICAT housing is gasketed to prevent airflow from heated or air conditioned spaces.
- B...Socket Plate**  
Rigid socket plate adjusts and locks without tools for various lamp sizes.
- C...Plaster Frame**  
Housing adjusts in plaster frame to accommodate up to 1 3/8" ceiling thickness. Plaster frame features include:
- Regressed locking screw for securing hanger bars
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box.
- D...Junction Box**  
Junction box features include:
- 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
- E...GOT NAIL! Pass-N-Thru™ 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 "toolless"

Catalog #	Type
Project	
Comments	
Prepared by	Date

- 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
- F...Socket**  
Porcelain socket with nickel plated brass screw shell, snaps into trim for consistent lamp positioning.
- G...Thermal Protector**  
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping.
- Labels**
- UL/cUL Listed
  - Listed for Feed Through
  - Listed for Direct Contact with Insulation and combustible material
- Meets following requirements:
- State of California Title 24
  - Washington State Energy Code
  - International Energy Conservation Code (IECC)
  - New York State Energy Conservation Construction Code
  - Certified Under ASTM-E283



## H7ICAT

### 6" Insulated Ceiling Recessed Housing

6" TRIMS

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION

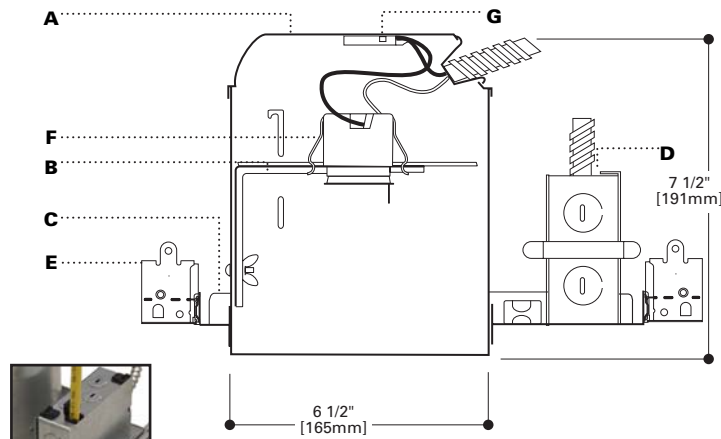


with all trims listed

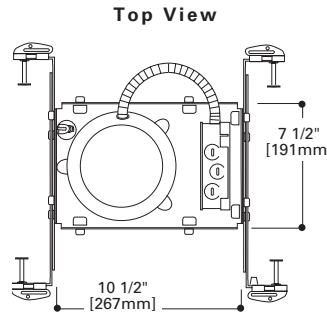


### UPGRADE FEATURES:

- SLIDE-N-SIDE III™ JUNCTION BOX
- GOT NAIL!™ BAR HANGERS
- PASS-N-THRU™ BAR HANGERS
- REGRESSED LOCKING SCREW
- HALO ID ON PLASTER FRAME



Slide-N-Side III™ Junction Box



Ordering information on reverse

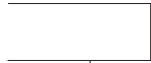
TRIMS

ORDERING INFORMATION

SAMPLE NUMBER: H7ICAT-426RG

Order housing, trim and accessories separately.

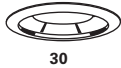
Housing



H7ICAT=AIR-TITE Insulated Ceiling Housing

Trims

REFLECTORS



30



30SBAT



404



426



429



4041

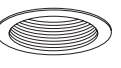


4261

BAFFLES



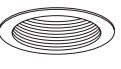
30



310



312



353

ADJUSTABLES



74

**AIR-TITE Super Trim**  
60W A19, 75W PAR30, 75W R30, 65W BR30, 75W PAR30L, 60W PAR38  
30CAT=Specular Clear, Air-Tite  
30HAT=Haze, Air-Tite  
30RGAT=Residential Gold, Air-Tite  
30SNAT=Satin Nickel, Air-Tite  
OD: 7 1/4" (184mm)

**AIR-TITE Super Trim**  
40W A19, 50W PAR30, 50W PAR38, 65W BR30, 75W PAR30L, 75W R30  
30SBAT=Specular Black, Air-Tite  
OD: 7 1/4" (184mm)

**Specular Reflector**  
60W A19  
404C=Specular Clear  
404H=Haze Reflector  
404RG=Residential Gold  
404SN=Satin nickel  
OD: 7 1/4" (184mm)

**Specular Reflector Cone**  
50W PAR30, 75W R30, 65W BR30, 75W PAR30L  
426=Specular Clear  
426H=Haze Reflector  
426RG=Residential Gold  
426CG=Champagne Gold  
426SB=Specular Black  
426SN=Satin Nickel  
OD: 7 1/4" (184mm)

**Dayform Cone**  
50W PAR30, 75W R30, 65W BR30, 75W PAR30L  
429P=White  
OD: 7 1/4" (184mm)

**Self Flanged Reflector**  
60W A19  
4041P=White  
OD: 7 1/4" (184mm)

**Self Flanged Reflector Cone=**  
50W PAR30, 75W R30, 65W BR30, 75W PAR30L  
4261P=White  
OD: 7 1/4" (184mm)

**AIR-TITE Super Trim**  
40W A19, 75W R30, 65W BR30, 60W PAR38, 75W PAR30, 75W PAR30L  
30PAT=Black Baffle  
30WAT=White Baffle  
OD: 7 1/4" (184mm)

**Baffle**  
75W R30, 65W BR30, 75W PAR30L, 50W PAR30  
310P=White with Black Baffle  
310W=White with White Baffle  
310SN=Satin Nickel with Black Baffle  
OD: 7 1/4" (184mm)

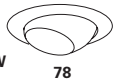
**Baffle**  
50W PAR30, 65W BR30, 75W PAR30L, 75W R30, 65W BR30  
312P=Black Baffle  
312W=White Baffle  
OD: 7 1/4" (184mm)

**Baffle**  
50W PAR30, 65W BR30, 75W PAR30L, 75W R30  
353SN=Satin Nickel Baffle  
OD: 7 1/4" (184mm)

**Eyeball**  
75W PAR30  
74P=White Eyeball  
OD: 8" (203mm)



77



78

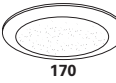


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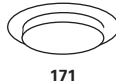


420

DIFFUSERS



170



171



173



172

OPEN



300



327



328

WALL WASH



**Eyeball**  
50W R20  
77P=White Eyeball  
OD: 8" (203mm)

**Eyeball**  
75W R30  
78P=White Eyeball  
78SL=Silver Eyeball  
78B=Brass Eyeball  
78PB=Polished Brass Eyeball  
78PAT=Polished Brass Eyeball  
78SN=Satin nickel Eyeball  
OD: 8" (203mm)

**Adjustable - 60° Tilt**  
150W PAR38  
90P=White "Double Bubble"  
OD: 8" (203mm)

**Coilex Regressed Eyeball**  
50W PAR30L, 60W BR30  
420P=Black Baffle, White Eyeball  
420PB=Black Baffle, Polished Brass Eyeball  
420W=White Baffle, White Eyeball  
OD: 7 1/4" (184mm)

**Glass Albalite Lens**  
60W A19  
170P=White Trim Ring  
170PS=White Trim Ring, Shower Light  
OD: 8" (203mm)

**Plastic Drop Opal**  
40W A19  
171P=White Trim Ring  
171PS=White Trim Ring, Shower Light  
OD: 8" (203mm)

**Glass Fresnel Lens**  
40W A19  
173P=White Trim Ring  
173PS=White Trim Ring, Shower Light  
OD: 8" (203mm)

**Shower Light**  
60W A19, 50W PAR30  
172PS=White Trim Ring, Shower Light  
172SN=Satin Nickel Trim Ring, Shower Light  
OD: 7 3/4" (197mm)

**Open**  
75W R30, 75W PAR30, 75W PAR30L, 65W BR30  
300P=White  
300SN=Satin Nickel  
OD: 7 1/4" (184mm)

**Splay Trim with Integral socket Support**  
65W BR30, 75W PAR30, 75W PAR30L  
327P=White Splay  
OD: 7 1/4" (184mm)

**Splay Trim**  
75W R30, 75W PAR30, 65W BR30  
328P=White Splay  
OD: 7 1/4" (184mm)

**Baffle Wall Wash**  
40W A19  
430P=Black Baffle, White Scoop, White Trim Ring  
430W=White Baffle, White Scoop, White Trim Ring  
OD: 7 1/4" (184mm)

Accessories

**Metal Trim Rings**  
Compatible with 310 and 312  
TRM6P=White Metal  
TRM6PB=Polished Brass  
TRM6C=Chrome  
TRM6MB=Black Metal  
TRM6SL=Silver  
TRP7MB=Black Plastic  
TRM6SN=Satin Nickel

**Oversize Trim Rings**  
For use when ceiling opening is cut too large. Compatible with 310 and 312  
OT400P=9 1/4" White Metal  
OT403P=8" White Plastic

Note: Specifications and Dimensions subject to change without notice.

Visit our web site at [www.cooperlighting.com](http://www.cooperlighting.com)