Description

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims 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,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

Specification Features

Housing
- Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Housing adjusts in plaster frame to accommodate up to 1″ ceiling thickness
- Galvanized steel construction
- 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
  - The housing may be removed from plaster frame to provide access to the junction box
  - Pre-installed Air-Tite ready ceiling contact gasket

Got Nail!™ Bar Hanger Bracket
Bar Hanger Features include:
- Pre-installed nail easily installs 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 leveling flange aligns the housing and lets you hold the housing in place with one hand while driving nails

- Five additional mounting points
- Mounting point on top for hanger wire connection
- Integral T-bar clips snaps onto T-bars - no additional clips required

q-Channel bars with Pass-N-Thru™
- q-Channel bars feature an unique inverted "q" interlocking channel for rigidity and stability
- Pass-N-Thru™ feature allows bars to cross-over for tool-less shortening in tight spaces less than 12″ without removing from the plaster frame. Push bars together and flex at score hole break points
- Housing can be positioned at any point within 24″ joist span
- Bar hangers may be repositioned 90° on the frame

Slide-N-Side™ Junction Box
Junction box features include:
- Slide-N-Side™ connectors allow non-metallic sheathed cable for both U.S. and Canada 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 types:
    (US) #14/2 , #14/3, #12/2, #12/3
    (Canada) #14/2, #14/3, #12/2
- Positioned to accommodate straight conduit runs
- Seven 1/2″ trade size conduit knockouts with true pry-out slots
- cULus Listed 26 in3 box volume
- Listed for through branch (8) No. 12 AWG branch circuit 90° C conductors through the box

Quick Connect™
- Three 4-port push-in "Quick Connect" wire nuts included in junction box
- Speed installation and increase reliability
- No additional wire nuts required
- Simply strip and insert supply wires

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation
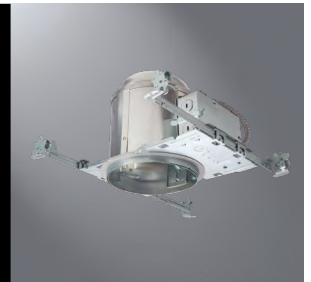
Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 Luminaire
- cULus Listed Damp Location
- cULus Listed for Wet Location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- cULus Listed for feed through
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant
- Options to meet Trade Agreements Act requirements

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)
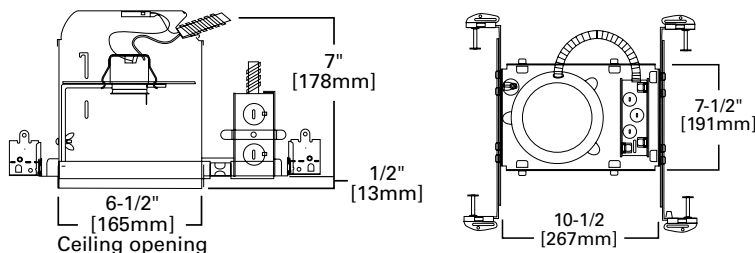
H7ICAT

6″ IC, New Construction , 120V

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*

Dimensions

7" [178mm]
1/2" [13mm]
6-1/2" [165mm]
Ceiling opening

7-1/2" [191mm]
10-1/2" [267mm]

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Special Features

Got-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Ordering Information

Sample Number: H7ICAT 6110WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Domestic Preferences[1]	**Housing**
[Blank] = Standard **TAA** = Trade Agreements Act	**H7ICAT =** 6" IC, Air-tite, New Construction, 120V

Trims

Reflectors

30 Reflector, Self-flange
OD: 7-1/4" [184mm]
30HAT=Haze Reflector, White Trim
30RGAT=Residential Gold Reflector, White Trim
30CAT=Clear Specular Reflector, White Trim

30SBAT Reflector, Self-flange
OD: 7-1/4" [184mm]
30SBAT=Black Specular Reflector, Self-flange

404 Specular Reflector
OD: 7-1/4" [184mm]
404C=Clear Specular Reflector, White Trim
404H=Haze Reflector, White Trim
404SN=Satin Nickel Reflector and Trim
404TBZ=Tuscan Bronze Reflector and Trim

426 Reflector Cone
OD: 7-1/4" [184mm]
426=Clear Specular Reflector Cone, White Trim
426MB=Black Specular Reflector Cone, White Trim
426H=Haze Reflector Cone, White Trim
426SN=Satin Nickel Reflector Cone and Trim
426TBZ=Tuscan Bronze Reflector Cone and Trim

429 Dayform White Cone
OD: 7-1/4" [184mm]
429P=White Reflector and Trim

4041 White Reflector, Self-flange
OD: 7-1/4" [184mm]
4041P=White Reflector and Trim

4261 White Reflector Cone, Self-flange
OD: 7-1/4" [184mm]
4261P=White Reflector and Trim

6106 Straight Reflector Cone, Self-flange
OD: 7-3/4" [197mm]
6106SC=Specular Reflector, White Trim

6107 Tapered Reflector, Self-flange
OD: 7-3/4" [197mm]
6107SC=Specular Reflector, White Trim

6120 Full Cone Reflector, Self-flange
OD: 7-3/4" [197mm]
6120WH=White Reflector and Trim
6120SN=Satin Nickel Reflector and Trim
6120TBZ=Tuscan Bronze Reflector and Trim

6121 Shallow Full Cone Reflector, Self-flange
OD: 7-3/4" [197mm]
6121WH=White Reflector and Trim

Baffles

30 Baffle, Self-flange
OD: 7-1/4" [184mm]
30WAT=White Baffle, Reflector and Trim
30WATH=White Baffle, Clear Reflector and White Trim
30PAT=Black Baffle, Clear Reflector and White Trim
30SNAT=Satin Nickel Baffle, Reflector and Trim
30TBZAT=Tuscan Bronze Baffle, Reflector and Trim

310 Coilex® Baffle
OD: 7-1/4" [184mm]
310W=White Coilex Baffle and Trim
310P=Black Coilex Baffle, White Trim
310SN=Black Coilex Baffle, Satin Nickel Trim
310TBZ=Black Coilex Baffle, Tuscan Bronze Trim

312 Coilex® Baffle
OD: 7-1/4" [184mm]
312W=White Coilex Baffle and Trim
312P=Black Coilex Baffle, White Trim

353 Metal Baffle
OD: 7-1/4" [184mm]
353SN=Satin Nickel Baffle and Trim
353TBZ=Tuscan Bronze Baffle and Trim

6100 Tapered Metal Baffle with (2) Trim Rings
OD: 7-1/8" [181mm]
6100WB=White Baffle, Narrow and Wide White Trims (included)
6100BB=Black Baffle, Narrow and Wide White Trims (included)

6101 Straight Metal Baffle with (2) Trim Rings
OD: 7-1/8" [181mm]
6101WB=White Baffle, Narrow and Wide White Trims (included)
6101BB=Black Baffle, Narrow and Wide White Trims (included)

6102 Tapered Metal Baffle, Self-flange
OD: 7-3/4" [197mm]
6102WB=White Baffle and Trim
6102BB=Black Baffle, White Trim

6103 Straight Metal Baffle, Self-flange
OD: 7-3/4" [197mm]
6103WB=White Baffle and Trim
6103BB=Black Baffle, White Trim

6108 Coilex® Straight Plastic Baffle, Self-flange
OD: 7-3/4" [197mm]
6108WB=White Plastic Straight Coilex Baffle, White Trim
6108BB=Black Plastic Straight Coilex Baffle, White Trim
6108BKBB=Black Plastic Straight Coilex Baffle, Black Trim

6109 Coilex® Tapered Baffle, Self-flange
OD: 7-3/4" [197mm]
6109WB=White Tapered Coilex Baffle, White Trim
6109BB=Black Tapered Coilex Baffle, White Trim
6109BKBB=Black Tapered Coilex Baffle, Black Trim

6110 Perftex Baffle, Self-flange
OD: 7-3/4" [197mm]
6110WB=White Perftex Baffle and Trim
6110BB=Black Perftex Baffle, White Trim
6110BKBB=Black Perftex Baffle and Trim

6125 Full Cone Baffle, Self-flange
OD: 7-3/4" [197mm]
6125WB=White Baffle and Trim
6125BB=Black Baffle, White Trim
6125BKBB=Black Baffle and Trim

6126 Shallow Full Cone Baffle, Self-flange
OD: 7-3/4" [197mm]
6126WB=White Baffle and Trim
6126BB=Black Baffle, White Trim

Adjustable - Eyeballs & Gimbals

74 PAR30 Eyeball 30° Tilt, Self-flange
OD: 8" [203mm]
74P=White Eyeball and Trim

76 PAR38 Gimbal 30° Tilt, Self-flange
OD: 8" [203mm]
76P=White Gimbal and Trim

78 BR/PAR30 Eyeball 30° Tilt, Self-flange
OD: 8" [203mm]
78P=White Eyeball and Trim
78PAT=White Eyeball and Trim, Air-Tite
78SN=Satin Nickel Eyeball and Trim
78TBZ=Tuscan Bronze Eyeball and Trim

376 PAR30 Regressed Gimbal 30° Tilt, Self-flange
OD: 7-1/4" [184mm]
376W=White Baffle and Trim
376P=Black Baffle and White Trim

378 PAR30 Regressed Gimbal with Splay 25° Tilt, Self-flange
OD: 7-1/4" [184mm]
378P=White Splay and Trim
378=Clear Specular Splay and White Trim

420 BR/PAR30 Regressed Eyeball 30° Tilt, Self-flange
OD: 7-1/4" [184mm]
420W=White Eyeball, Baffle and Trim
420P=White Eyeball, Black Baffle, White Trim

478 PAR38 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange
OD: 7-1/4" [184mm]
478P=White Splay and Trim

6130 BR/PAR30 Eyeball 35° Tilt, Self-flange
OD: 7-3/4" [197mm]
6130WH=White Eyeball and Trim

6170 PAR38 Gimbal 25° Tilt, Self-flange
OD: 7-3/4" [197mm]
6170WH=White Gimbal and Trim
6170BK=Black Gimbal and Trim
6170SN=Satin Nickel Gimbal and Trim
6170TBZ=Tuscan Bronze Gimbal and Trim

6215 PAR30 Double Gimbal 35°-50° Tilt, Self-flange
OD: 7-3/4" [197mm]
6215WH=White Gimbal and Trim
6215BK=Black Gimbal and Trim
6215SN=Satin Nickel Gimbal and Trim
6215TBZ=Tuscan Bronze Gimbal and Trim

6222 Regressed PAR30 Adjustable 45° Tilt, Self-flange
OD: 7-3/4" [197mm]
6222WB=White Baffle and Trim
6222BB=Black Baffle and Trim
6222SC=Specular Clear Reflector, White Trim
6222H=Haze Reflector, White Trim

Lenses & Wet Location Showerlights

170 Albalite Lens with Reflector
OD: 8" [203mm]
170P=Frosted Albalite Glass Lens, White Trim
170PS=Frosted Albalite Glass Lens, White Plastic Trim, Showerlight, Air-Tite

171 Drop Opal Lens with Reflector
OD: 8" [203mm]
171P=Drop Opal Glass Lens, White Trim
171PS=Drop Opal Glass Lens, White Plastic Trim, Showerlight, Air-Tite

172 Dome Lens with Reflector
OD: 7-3/4" [197mm]
172PS=Frosted Glass Dome, White Plastic Trim
172SNS=Frosted Glass Dome, Satin Nickel Plastic Trim
172TBZS=Frosted Glass Dome, Tuscan Bronze Plastic Trim

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Ordering Information

Sample Number: H7ICAT 6110WB
Order housing, trim and lamp (by others) separately for a complete luminaire.

Domestic Preferences[(1)]	Housing
[Blank] = Standard **TAA** = Trade Agreements Act	**H7ICAT =** 6" IC, Air-tite, New Construction, 120V

Trims

Lenses & Wet Location Showerlights

173 Fresnel Lens with Reflector
OD: 8" [203mm]
 173P=Fresnel Glass Lens, White Trim
 173PS=Fresnel Glass Lens, White Plastic Trim, Showerlight, Air-Tite

6145 Open Wet Location, Shallow Reflector, Self-flange - Showerlight*
OD: 7-3/4" [197mm]
 6145WH=White Reflector and Trim
 6145SN=Satin Nickel Reflector and Trim
 6145TBZ=Tuscan Bronze Reflector and Trim

6146 Open Wet Location, Full Reflector, Self-flange - Showerlight*
OD: 7-3/4" [197mm]
 6146WH=White Reflector and Trim
 6146SN=Satin Nickel Reflector and Trim
 6146TBZ=Tuscan Bronze Reflector and Trim

6150 Frost Dome Glass Lens, Self-flange
OD: 7-3/4" [197mm]
 6150WH=Frost Dome Glass Lens with Reflector, White Plastic Trim
 6150SN=Frost Dome Glass Lens with Reflector, Satin Nickel Plastic Trim
 6150TBZ=Frost Dome Glass Lens with Reflector, Tuscan Bronze Plastic Trim

6162 Drop Opal Plastic Lens, Self-flange - Showerlight
OD: 7-3/4" [197mm]
 6162WH=Drop Opal Plastic Lens with Reflector, White Plastic Trim

6230 Squircle Frost Glass Lens, Metal Trim - Showerlight
OD: 7-1/4" [183mm]
 6230AH=Frost Glass Lens, Aluminum Haze Squircle Trim
 6230PN=Frost Glass Lens, Polished Nickel Squircle Trim
 6230SN=Frost Glass Lens, Satin Nickel Squircle Trim
 6230TBZ=Frost Glass Lens, Tuscan Bronze Squircle Trim

6255 Soft Square, Frost Curve Glass Lens, Self-flange - Showerlight
OD: 7-1/4" [183mm]
 6255WH=Frost Curve Glass Lens with Reflector, White Plastic Trim
 6255SN=Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim
 6255TBZ=Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim

Open, Splay & Wall Wash

300 Open Trim with Fixed Socket Bracket, Self-flange
OD: 7-1/4" [183mm]
 300P=Self-flange with White Open Trim
 300SN=Self-flange with Satin Nickel Open Trim
 300TBZ=Self-flange with Tuscan Bronze Open Trim

327 White Splay Trim with Fixed Socket Bracket, Self-flange
OD: 7-3/4" [197mm]
 327P=White Splay Trim with Socket Bracket

328 White Splay Trim
OD: 7-3/4" [197mm]
 328P=White Splay Trim

430 Wall Wash with Baffle & Full Reflector
OD: 7-1/4" [183mm]
 430W=White Baffle, with Upper Reflector, White Trim
 430P=Black Baffle, with Upper Reflector, White Trim

Accessories

Designer Finish Trim Rings
TRM6C=Chrome
TRM6SN=Satin Nickel
TRM6TBZ=Tuscan Bronze
TRM6MB=Black Metal
TRM7MB=Black plastic
Metal 7 1/4" OD. Compatible with 310*, 312*, 376, 378, 400, 404, 405, 410, 416, 419, 420, 424, 425, 426*, 429*, 455CG, 455SC, 456P, 456W, 477, 478, 1412, 1416, 1475.

Oversized Trim Rings
OT400P=6" ID x 9-1/4" OD, Oversized white metal trim ring for designated 6" trims.
OT403P=6" ID x 8" OD, Oversized gloos white plastic trim ring for designated 6" trims.

H930 R/PAR Lamp Aiming Accessory
H930=For H7T, H7RT, H7ICT, H7ICAT, H7RICT, H7RICAT housings with 310 and 426 trims. Allows lamp to be aimed up to 30° from vertical and rotated 358°. See housing-trim selection for lamp listings.

*Originally supplied with TRM6P white metal trim rings. All others are suppied with white plastic trim rings.

Notes: (1) Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

*Outdoor rated lamp only (purchase separately)

LISTED
For use in Halo listed housings.

CLASSIFIED

Select trims are classified for use in others housings.
See www.cooperlighting.com