

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. H7ICT is for installations where the housing will be in direct contact with insulation*. H7ICT may be converted into Air-Tite installation when used with Air-Tite trims. 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

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

Got Nail!™ Bar Hanger Bracket

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 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
- RoHS compliant
- Options to meet Trade Agreements Act requirements

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



H7ICT

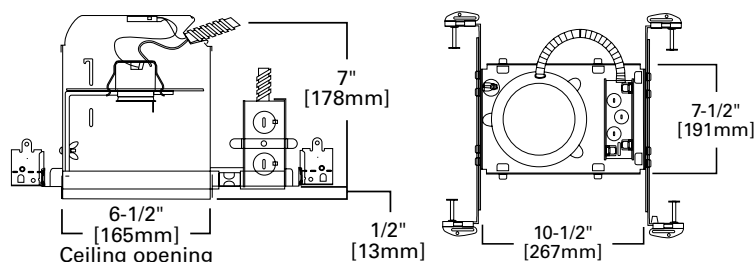
6" IC, New Construction, 120V

FOR USE IN INSULATED CEILINGS

FOR DIRECT CONTACT WITH INSULATION*



Dimensions



Special Features

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

Ordering Information

Sample Number: H7ICT 6110WB
 Order housing, trim and lamp (by others) separately for a complete luminaire.







































Domestic Preferences⁽¹⁾

[Blank] = Standard
 TAA = Trade Agreements Act

Housing

H7ICT = 6" IC, New Construction, 120V

Trims

<p>Reflectors</p> <p> 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</p> <p> 30SBAT Reflector, Self-flange ◊ OD: 7-1/4" [184mm] 30SBAT=Black Specular Reflector, Self-flange</p> <p> 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</p> <p> 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</p> <p> 429 Dayform White Cone OD: 7-1/4" [184mm] 429P=White Reflector and Trim</p> <p> 4041 White Reflector, Self-flange OD: 7-1/4" [184mm] 4041P=White Reflector and Trim</p> <p> 4261 White Reflector Cone, Self-flange OD: 7-1/4" [184mm] 4261P=White Reflector and Trim</p> <p> 6106 Straight Reflector Cone, Self-flange OD: 7-3/4" [197mm] 6106SC=Specular Reflector, White Trim</p> <p> 6107 Tapered Reflector, Self-flange OD: 7-3/4" [197mm] 6107SC=Specular Reflector, White Trim</p> <p> 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</p> <p> 6121 Shallow Full Cone Reflector, Self-flange OD: 7-3/4" [197mm] 6121WH=White Reflector and Trim</p> <p>Baffles</p> <p> 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</p> <p> 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</p>	<p> 312 Coilex® Baffle OD: 7-1/4" [184mm] 312W=White Coilex Baffle and Trim 312P=Black Coilex Baffle, White Trim</p> <p> 353 Metal Baffle OD: 7-1/4" [184mm] 353SN=Satin Nickel Baffle and Trim 353TBZ=Tuscan Bronze Baffle and Trim</p> <p> 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)</p> <p> 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)</p> <p> 6102 Tapered Metal Baffle, Self-flange OD: 7-3/4" [197mm] 6102WB=White Baffle and Trim 6102BB=Black Baffle, White Trim</p> <p> 6103 Straight Metal Baffle, Self-flange OD: 7-3/4" [197mm] 6103WB=White Baffle and Trim 6103BB=Black Baffle, White Trim</p> <p> 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</p> <p> 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</p> <p> 6110 Pertex Baffle, Self-flange OD: 7-3/4" [197mm] 6110WB=White Pertex Baffle and Trim 6110BB=Black Pertex Baffle, White Trim 6110BKBB=Black Pertex Baffle and Trim</p> <p> 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</p> <p> 6126 Shallow Full Cone Baffle, Self-flange OD: 7-3/4" [197mm] 6126WB=White Baffle and Trim 6126BB=Black Baffle, White Trim</p> <p>Adjustable - Eyeballs & Gimbals</p> <p> 74 PAR30 Eyeball 30° Tilt, Self-flange OD: 8" [203mm] 74P=White Eyeball and Trim</p> <p> 76 PAR38 Gimbal 30° Tilt, Self-flange OD: 8" [203mm] 76P=White Gimbal and Trim</p>	<p> 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</p> <p> 376 PAR30 Regressed Gimbal 30° Tilt, Self-flange OD: 7-1/4" [184mm] 376W=White Baffle and Trim 376P=Black Baffle and White Trim</p> <p> 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</p> <p> 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</p> <p> 478 PAR38 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange OD: 7-1/4" [184mm] 478P=White Splay and Trim</p> <p> 6130 BR/PAR30 Eyeball 35° Tilt, Self-flange OD: 7-3/4" [197mm] 6130WH=White Eyeball and Trim</p> <p> 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</p> <p> 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</p> <p> 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</p> <p>Lenses & Wet Location Showerlights</p> <p> 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</p> <p> 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</p> <p> 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</p>
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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)

continued

Ordering Information

Sample Number: H7ICT 6110WB
 Order housing, trim and lamp (by others) separately for a complete luminaire.

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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 Squirrel Frost Glass Lens, Metal Trim - Showerlight
 OD: 7-1/4" [183mm]
 6230AH=Frost Glass Lens, Aluminum Haze Squirrel Trim
 6230PN=Frost Glass Lens, Polished Nickel Squirrel Trim
 6230SN=Frost Glass Lens, Satin Nickel Squirrel Trim
 6230TBZ=Frost Glass Lens, Tuscan Bronze Squirrel 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 supplied with white plastic trim rings.

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*Outdoor rated lamp only (purchase separately)



Cooper Lighting Solutions
 1121 Highway 74 South
 Peachtree City, GA 30269
 P: 770-486-4800
 www.cooperlighting.com

Specifications and dimensions subject to change without notice.



LISTED
 For use in Halo listed housings.



Select trims are classified for use in others housings.
 See www.eaton.com/lighting/legal.