## 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. H7ICTNB is for installations where the housing will be in direct contact with insulation*. May be retrofit with compatible Halo LED lighting systems. The H7ICTNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. H7ICTNB may be converted into Air-Tite installation when used with Air-Tite trims.

| | | |
|---|---|---|
| Catalog # | | Type |
| Project | | |
| Comments | | Date |
| Prepared by | | |

## Specification Features

### Housing
- Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- Housing can be removed from the plaster frame for junction box access
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

### 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 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

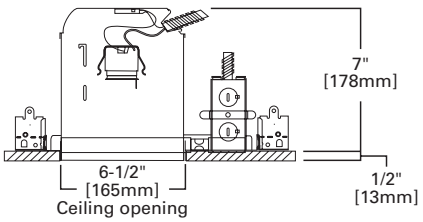
### Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

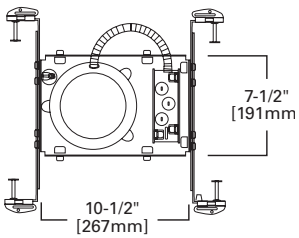
### Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

### 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

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

## Dimensions



# H7ICTNB

**6" IC, New Construction Housing, No Socket Bracket, 120V**

**FOR USE IN INSULATED CEILINGS**

**FOR DIRECT CONTACT WITH INSULATION***

### 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:** H7ICTNB 30WAT
Order housing, trim and lamp (by others) separately for a complete luminaire.

### Housing

**H7ICTNB** = 6" IC, New Construction Housing, No Socket Bracket, 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

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

**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

**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

continued

***Outdoor rated lamp only (purchase separately)**
**◊Air-Tite trims can make the H7ICT installation ASTM E283 compliant**

## Ordering Information

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### Housing

**H7ICTNB** = 6" IC, New Construction Housing, No Socket Bracket, 120V

### Trims

#### 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

**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.

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

***Outdoor rated lamp only (purchase separately)**
**◊Air-Tite trims can make the H7ICT installation ASTM E283 compliant**

**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.

**For use in Halo listed housings.**

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