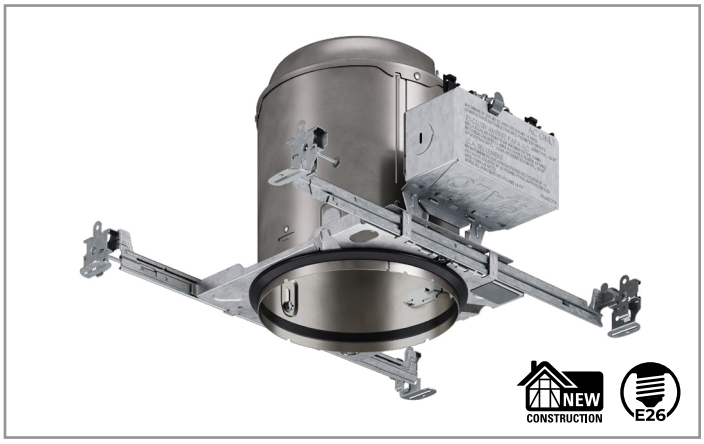
Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



HALO

H7ICAT, H7ICATNB, H7TAT, H7TATNB

6" IC, Traditional Housing, Incandescent Lamps, New Construction

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. The entire H7 series features an Air-Tite full-frame design, robust construction, feed-through listing, Got Nail!® Bar Hangers; and are available in both Non-IC and IC environments. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7 series also may be retrofitted with compatible HALO LED Trims.

Typical Applications Residential • Light Commercial

Interactive Menu

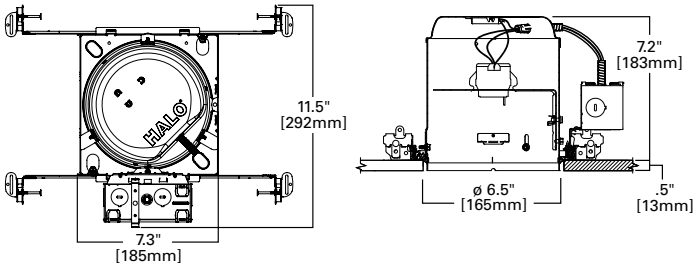
- Order Information page 2
- Product Specification page 3
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Top Product Features

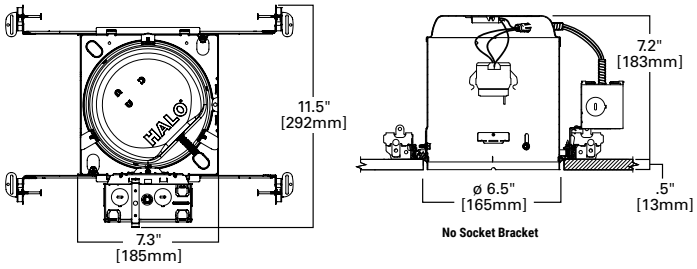
- Got Nail!™ Bar Hanger with pre-installed nail, automatic leveling flange, and more great features
- Q-Channel bars with Pass-N-Thru™ increase rigidity and stability, while allowing for tool-less shortening
- Plaster Frame with regressed locking screws for locking Bar Hangers and housing adjustment to accommodate up to 1" ceiling thickness
- Junction box with multiple 1/2" knockouts for conduit and Slide-N-Side™ connectors for non-metallic sheathed cable
- Supports multiple traditional trims for use with incandescent lamp types as well as HALO LED Trims

Dimensional and Mounting Details

H7ICAT



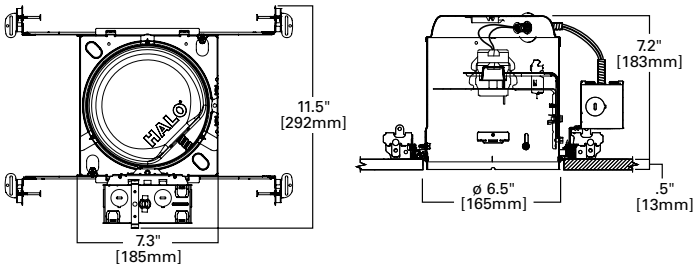
H7ICATNB



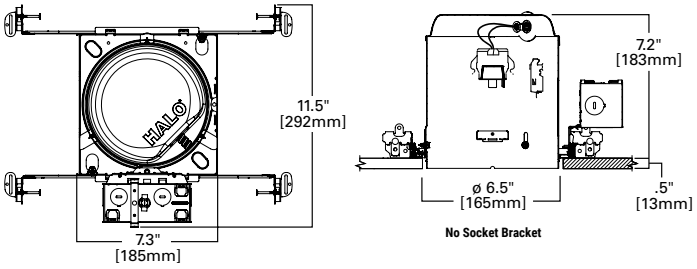
additional product diagrams

Dimensional and Mounting Details

H7TAT



H7TATNB



Order Information

Catalog Number	Description	Input Voltage	Socket Type
H7ICAT	6" IC, Air-Tite, New Construction Housing, with push-in connectors	120V	E26 - Incandescent
H7ICATNB	6" IC, Air-Tite, No Bracket, New Construction Housing, with push-in connectors	120V	E26 - Incandescent
H7TAT	6" Non-IC, Air-Tite, New Construction Housing, with push-in connectors	120V	E26 - Incandescent
H7TATNB	6" Non-IC, Air-Tite, No Bracket, New Construction Housing, with push-in connectors	120V	E26 - Incandescent

Trims

	Reflectors	Baffles	Adjustables	Lens/Wet Location	LED Trim
6" Housing	**30HAT**= 6" Haze Reflector, White Trim **30RGAT**= 6" Residential Gold Reflector, White Trim **30CAT**= 6" Clear Specular Reflector, White Trim **30SBAT**= 6" Specular Black Reflector, Black Trim	**30WAT**= 6" White Baffle & Reflector, White Trim **30WATH**= 6" White Baffle & Clear Reflector, White Trim **30PAT**= 6" Black Baffle & Reflector, White Trim **30SNAT**= 6" Satin Nickel Baffle & Reflector, Satin Nickel Trim **30TBZAT**= 6" Tuscan Bronze Baffle and Reflector, Tuscan Bronze Trim	**78P** = White Eyeball and Trim **78TBZ** = Tuscan Bronze Eyeball and Trim	**6145SN** = Satin Nickel Reflector and Trim	RL Series RA Series LT Series LA Series HLBT Series CJB Series ML Series RSQ Series SMX Series SMD Series
	401P= 6" White Open Trim **401AL**= 6" Satin Aluminum Open Trim	**310W** = White Coilex Baffle and Trim **310TBZ** = Black Coilex Baffle, Tuscan Bronze Trim	**6130WH** = White Eyeball and Trim	**6146WH** = White Reflector and Trim	
	426 = Clear Specular Reflector Cone, White Trim	**6100WB** = White Baffle, Narrow and Wide White (included) **6100BB** = Black Baffle, Narrow and Wide White Trims (included)	**6215WH** = White Gimbal and Trim	**6150WH** = Frost Dome Glass Lens with Reflector, White Plastic Trim	
	6106SC = Specular Reflector, White Trim	**6101WB** = White Baffle, Narrow and Wide White Trims (included) **6101BB** = Black Baffle, Narrow and Wide White Trims (included)		**6255SN** = Frost Curve Glass Lens with Reflector, Satin Nickel Plastic Trim **6255TBZ** = Frost Curve Glass Lens with Reflector, Tuscan Bronze Plastic Trim	
	6120WH = White Reflector and Trim **6120TBZ** = Tuscan Bronze Reflector and Trim	**6103WB** = White Baffle and Trim **6103BB** = Black Baffle, White Trim		**300P** = Self-flange with White Open Trim	
	6121WH = White Reflector and Trim	**6125WB** = White Baffle and Trim **6125BB** = Black Baffle, White Trim **6125BKBB** = Black Baffle and Trim			
		6126WB = White Baffle and Trim **6126BB** = Black Baffle, White Trim			

Product Specifications

Housing
- Single wall aluminum construction
- Precision rolled interlocking collar maintains aperture geometry for greater assurance of installation results
- V notches facilitate use of guide strings or laser lines for precise positioning
- Exclusive AIR-TITE™ gasket meets code where required; Seals between housing, frame and finished ceiling (without need for additional caulk)
- May be removed from the plaster frame to provide access to junction box
- Designed for insulated ceilings in direct contact with insulation (may also be installed in non-insulated ceilings)

Socket Plate
- Rigid construction Adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims
- **Note:** Not available on catalogs that end in "NB" for No Bracket

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

Plaster Frame
- Housing adjusts in plaster frame to accommodate 3/8" 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 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-NThru™
- 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

Slide-N-Side™ Repositioning Junction Box
- Hinged and captive door for easy access
- Repositionable J-box can be moved to alternate side of frame to avoid obstructions
- Three Slide-N-Side™ wire traps allow non-metallic(NM) sheathed cable to be installed without tools or 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 (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3; (Canada) #14/2, #14/3, #12/2
- Four 1/2" conduit pry-outs. Two of these accommodate straight thru conduit runs.
- cULus Listed compact 16 in^3 box volume; listed for maximum ten No. 12 AWG or fourteen No. 14 AWG 90° C splice conductors in the box

Quick Connect™ Push Wire Nuts
- Three 4-port push-in "Quick Connect" wire nuts included
- Speeds installation and increases reliability
- Simply strip and insert supply wires
- No additional wire nuts required

Universal Locking Screw
- Two recessed locking screw accessible from below the ceiling to secure bar hanger length
- Recessed locking screws accessible from below the ceiling to move the housing up and down to adjust for ceiling thickness.
- Universal screw head (hex, slot or Phillips)

Thermal Protector
- Self-resetting
- Deactivates fixture if overheating occurs due to improper lamping or misapplied insulation (non-IC only).

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, compact fluorescent and LED Trims

Compliance
- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Wet location listed in covered ceilings and IP56 certified with select trims
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material (IC rated housing only)*
- Certified under ASTM E283 (gasket included) AIR-TITE™ code compliant; Not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- Contains no mercury or lead and RoHS compliant
- Options to meet Trade Agreements Act requirements

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

Warranty
- Five-year limited warranty, consult website for details. www.cooperlighting.com/warranty

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www.cooperlighting.com

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Specifications and dimensions subject to change without notice.