

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



# HALO

## H550ICAT H750ICAT

### 5" & 6" LED Quick Connect New Construction Recessed Housings – IC Rated

The H750ICAT and H550ICAT Recessed Housings are perfect for both commercial and residential 2x8 framing new construction applications. They feature an AIR-TITE™ full-frame design, robust construction, Got Nail!® Bar Hangers, Slide-N-Side™ Wire Traps and KOs, feed-through listing, and can be installed in contact with insulation (IC-rated). The LED Recessed Housings have an orange LED Quick Connect making them compatible with all 5", 6", and 5"/6" HALO LED Trims and Modules (respectively).

**Typical Applications** Residential • Light Commercial

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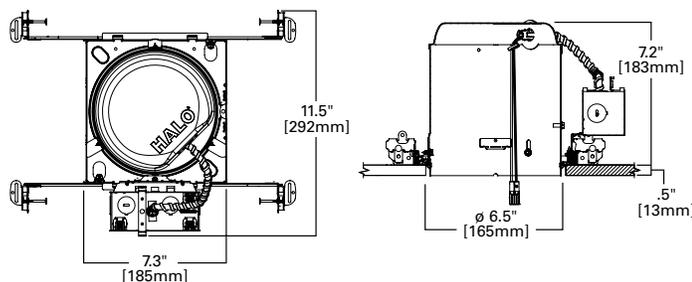


### Top Product Features

- Ideal for both commercial / residential new construction applications in T-grid or 2x8 framing
- Got Nail!™ Bar Hangers with pre-installed nails, automatic leveling flange, T-grid compatible and more
- Q-Channel bars with Pass-N-Thru™ increase rigidity and stability, while allowing for tool-less shortening (13.5" to 24")
- IC Rated and AIR-TITE™ to meet most regional installation requirements
- Frame with regressed locking screws for locking Bar Hangers and housing adjustment to accommodate up to 1" thick ceilings
- Junction box with Slide-N-Side™ Wire Traps for fast wiring of non-metallic sheathed cable along with multiple ½" knockouts for conduit
- Compatible with all 5", 6", & 5"/6" HALO LED Trims and Modules

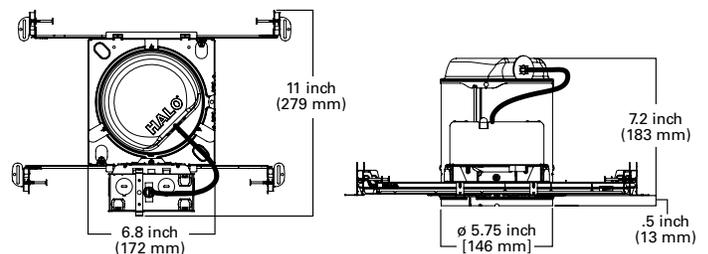
### Dimensional and Mounting Details

#### H750ICAT



**Cutout Dimension: 6-1/4" (158.8mm)**

#### H550ICAT



**Cutout Dimension: 5-1/2" (139.7mm)**

## Order Information

| Catalog Number | Description                               | IC Rating<br>(Insulation Contact) | AIR-TITE™ | Framing<br>(Plenum Space) | Connection<br>(E26 Socket or Orange LED Quick Connect) | Slide-N-Side™ Wire Traps | 1/2" KOs<br>(Knockouts) | Wiring<br>(4-port Push-in Connectors) | Input Voltage |
|----------------|---|-----------------------------------|-----------|---------------------------|--|--------------------------|-------------------------|---------------------------------------|---------------|
| H750ICAT       | H750 6" New Construction Recessed Housing | •                                 | •         | 2x8                       | Orange LED Quick Connect                               | 3                        | 4                       | 3                                     | 120V          |
| H550ICAT       | H550 5" New Construction Recessed Housing | •                                 | •         | 2x8                       | Orange LED Quick Connect                               | 3                        | 4                       | 3                                     | 120V          |

## Complete your downlights with HALO Recessed LED Trims

(sold separately)

| Downlights  |   |   |   |  |   |   |   |
|---|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |  |
| <b>LTE Recessed LED Trims</b><br>4", 5", 6"                                       | <b>LT Recessed LED Trims</b><br>4", 5", 6"  | <b>HLBT Slim LED Trims</b><br>4", 6"  | <b>CJB Canless-to-Can Integrated J-Box LED Downlights</b><br>4", 6"               | <b>RL Recessed LED Trims</b><br>3", 4", 5", 6"                                     | <b>RSQ Square Recessed LED Trims</b><br>4", 5", 6"                                  | <b>RLD Deep Baffle Recessed LED Trims</b><br>4", 5", 6"                             | <b>ML56 Recessed LED Modules + Trims</b><br>5", 6"                                  |

| Adjustable  |   |   |
|---|---|---|
|  |  |  |
| <b>LA Recessed Adjustable Gimbal LED Trims</b><br>4", 5", 6"                        | <b>RA Recessed Adjustable Gimbal LED Trims</b><br>3", 4", 5", 6"                    | <b>ML56 Recessed Adjustable Gimbal LED Modules + Trims</b><br>5", 6"                |

| Specialty  |   |   |
|--|---|---|
|  |  |  |
| <b>Night Light Recessed LED Trims</b><br>4", 5", 6"                                  | <b>RL Smart Wi-Fi Recessed LED Trims</b><br>4", 5", 6"                                | <b>RL Dual Zone Smart Wi-Fi Recessed LED Trims</b><br>4", 5", 6"                      |

## 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
- Shipped with paint overspray protector installed
- Exclusive AIR-TITE™ gasket meets code where required; Seals between housing, frame and finished ceiling (without need for additional caulk)
- May be removed from below the ceiling 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)

### 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
  - 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 a 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
- Four 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 accommodate straight conduit runs
- cULus Listed compact 16 in3 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
- Three recessed locking screws accessible from below the ceiling to secure the housing ceiling thickness
- Universal screw head (hex, slot or Phillips)

### LED Connector

- Two-conductor wire mount connector is rated for 120-277V CAUTION – verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- cULus listed with Halo® LT, LA, RL, RA, HLBT, CJB and ML LED Trims and Modules as well as SMD, SMX surface mount products.

### Thermal Protector

- Self-resetting
- Deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

### Compliance

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- 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\*
- 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
- Can be used for State of California Title 24 high efficacy luminaire compliance
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- 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](http://www.cooperlighting.com/warranty)