

**HALO LED ICAT HOUSING for NEW CONSTRUCTION**

Recessed 5" aperture new construction housing for use with LED integrated trims or modules. Suitable for 2x8 residential framing or commercial plenum construction, type IC rated and can be used in direct contact with insulation\*. Airtight rating reduces airflow between living spaces and unconditioned areas providing additional energy savings. Use with Halo® LT56, SMD6, RL56, RA56, SLD6 LED integrated trims and the ML56 LED modular recessed lighting system.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

**DESIGN FEATURES**

**Housings**

- Single wall precision rolled aluminum housing with interlocking construction maintains concentricity
- Adjusts vertically to accommodate 3/8" to 1" thick ceilings and locks in position with (3) setscrews
- V notches facilitate use of guide strings or laser lines for precise positioning
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

**Plaster Frame**

- Compact galvanized steel plaster frame with integral bar hanger receivers
- (2) regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Integral gasket achieves ASTM-E283 airtight code compliance without additional gaskets or caulk

**Junction Box**

- Compact galvanized steel junction box with 16in<sup>3</sup> internal volume
- Listed for (10) #12 or (14) #14 AWG 90° C splice conductors
- (4) 1/2" conduit pry-outs positioned to allow straight conduit runs.
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Hinged door with offset cover for easy wire access
- Junction box is repositionable 90° on plaster frame to avoid obstructions

**Bar Hangers**

- Captive preinstalled All-Nail™ bar hangers support housing at any point along span
- Pass-N-Thru™ feature adjust bars from 7-1/4" to 24" wide without removal
- Score lines allow "tool-less" shortening for 12" joists
- Captive nail penetrates standard and engineered lumber
- Leveling flange aligns plaster frame with framing
- Integral clip attaches directly to tee-bar

**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® LT56, SMD6, RL56, RA56, SLD6 and ML56 family of LED integrated trims

**Code 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
- Airtight per ASTM-E283
- 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
- Contains no mercury or lead and RoHS compliant
- Options to meet Trade Agreements Act requirements

**Warranty**

- Five year limited warranty, consult website for details [www.eaton.com/lighting/Legal](http://www.eaton.com/lighting/Legal)



**E550ICAT**

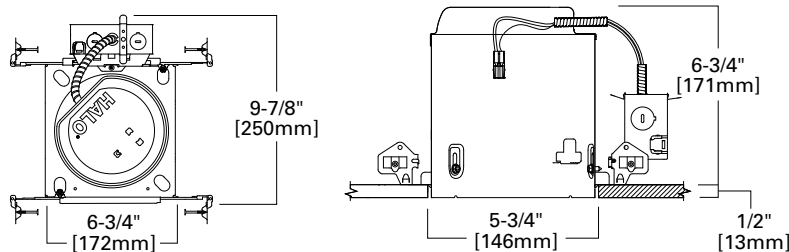
**5" Recessed New Construction Housing**

**For Integrated LED Trims and Modules**

**20W Maximum**

**FOR USE IN INSULATED CEILINGS**

**FOR DIRECT CONTACT WITH INSULATION**



\* Not to be used in direct contact with spray foam insulation.

Refer to ENERGY STAR® certified Products List and CEC (T20) Database for compatible Halo LED listings.

**ORDERING INFORMATION - E550ICAT****SAMPLE NUMBER:** E550ICAT - RL560WH6927

A complete luminaire consists of a housing, LED integrated trim or LED module and trim, order separately.

Domestic Preferences <sup>(1)</sup>	Housing	Trims
<b>[Blank]</b> = Standard <b>TAA</b> = Trade Agreements Act	<b>E550ICAT</b> = 5" new construction housing for LED integrated trims or modules	LT56 LA56 SMD6 RA56 RL56 RSQ5 SLD6 ML56

**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)