

Description

The H2750ICAT is a LED new construction housing for use in shallow ceilings. The H2750ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation*. This Air-Tite™ housing design restricts airflow between conditioned spaces and unconditioned areas. The LED connector system provides high efficacy code compliance when used with compliant Halo LED lighting systems.

Catalog #		Type
Project		
Comments		Date
Prepared by		

Specification Features

Housing

- Single wall aluminum housing
- Openings are gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Plaster frame features include:
 - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
 - Cutouts for easily crimping hanger bars in position
 - Air-Tite™ aperture gasket is pre-installed
 - Halo identity embossed on plaster frame

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 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
- 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

Air-Tite™ code compliant

LED Module Connection

- Halo LED modules install with a plug-in 120V/277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection

preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)

Application Note

LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance

- 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*
- CE Marking - "Conformité Européenne" conformity with the Council of European Communities Directives, meeting internationally recognized compliance with used with ML56 series LED modules
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential (with ceiling gasket GA-ATH7-6PK or caulk).
- Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- Refer to LED module specification sheets online for additional compliance information
- RoHS compliant
- Options to meet Trade Agreements Act requirements

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



H2750ICAT

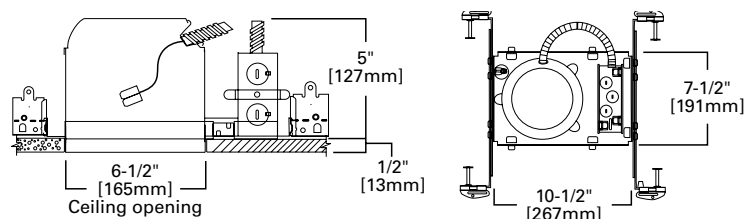
6" IC, Air-Tite, Shallow New Construction, LED Housing, 120V/277V

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
- Air-Tite™ code compliant

Ordering Information

Sample Number: H2750ICAT - ML5606930 - 691WB
Order housing, LED module, and trim separately.

Domestic Preferences⁽¹⁾

[Blank] = Standard
TAA = Trade Agreements Act

Housing

H2750ICAT = 6" IC, Air-Tite, Shallow New Construction, LED Housing, 120V/277V

ML56 with 69x Series Trims

ML56 LED Light Modules

600 Series / 80 CRI

- ML5606827= 5"/6" LED Retrofit Downlight Light Module, 600 lumen, 80CRI, 2700K
- ML5606830= 5"/6" LED Retrofit Downlight Light Module, 600 lumen, 80CRI, 3000K
- ML5606835= 5"/6" LED Retrofit Downlight Light Module, 600 lumen, 80CRI, 3500K
- ML5606840= 5"/6" LED Retrofit Downlight Light Module, 600 lumen, 80CRI, 4000K

600 Series / 90 CRI

- ML5606927= 5"/6" LED Retrofit Downlight Light Module, 600 lumen, 90CRI, 2700K
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1200 Series / 80 CRI

- ML5612827= 5"/6" LED Light Module, 1200 lumen, 80CRI, 2700K
- ML5612830= 5"/6" LED Light Module, 1200 lumen, 80CRI, 3000K
- ML5612835= 5"/6" LED Light Module, 1200 lumen, 80CRI, 3500K
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- ML5612940= 5"/6" LED Light Module, 1200 lumen, 90CRI, 4000K

ML56 LED 5" Trims

690 Series - 6" LED Trims

Non-Conductive "Dead Front" Baffles

- 691WB=6" LED Trim, Polymer "Dead-Front", Shallow White Baffle & Flange (For use with 600 Series LED Light Modules only)

Semi-Regressed Eyeballs

- 694WB=6" LED Directional Trim, White Eyeball, Baffle & Flange
- 694SNB=6" LED Directional Trim, Satin Nickel Eyeball, Baffle & Flange

- 694TBZB=6" LED Directional Trim, Tuscan Bronze Eyeball, Baffle & Flange

Shallow Baffle

- 696WB=6" LED Trim, White Shallow Baffle & Flange

ML56 System Accessories

ML56CLIP= 6" Friction Clip Kit - For use with non-torsion spring housings. 6" clips included.

WW6955C= Wall Wash Insert - Specular Kick Reflector for 695WW (1 included with trim). For double wall washing or replacement.

TRM690WH=6" LED Oversize Trim Ring for use with 59* series trims, White 6.9" I.D., 9.5" O.D. Ring slips over LED trim. Inset design allows 6" trim to fit into oversize ring for an even trim surface

EBA560PK= Replacement screwbase adapter to LED disconnect with cap

ML56-1200 Series Beam Forming Optic Media

BFR56NFL=Beam forming reflector kit, narrow flood, 25° nominal

BFR56MH=Media holder, accepts one 3.45" lens. Requires BFR56NFL & L345SF, order separately.

L345SF=3.45" diameter soft focus lens. Requires BFR56NFL and BFR56MH, order separately.

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)

Ordering Information

The H2750ICAT housing may also be used with Halo LED Modules and Surface LED.

LED Modules:

For retrofit, remodel, and new construction

- RA56
- RL56
- LT56
- SLD6

For details and ordering information refer to product specifications at www.eaton.com/lighting.

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Accessories ⁽¹⁾

Designer Trim Rings

RL56

- RL56TRMSN = Satin Nickel
- RL56TRMTBZ = Tuscan Bronze
- RL56TRMWH = White Metal (Paintable)

SLD6s

- SLD6TRMSN = Satin Nickel
- SLD6TRMTBZ = Tuscan Bronze
- SLD6TRMWH = White Metal (Paintable)



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Specifications and dimensions subject to change without notice.