Project		Catalog #		Type	
Prepared by		Notes		Date	

H245RICAT

H2550RICAT

H2750RICAT

HALO

H245RICAT, H2550RICAT, H2750RICAT

4", 5", & 6" Shallow LED Quick Connect Shallow Remodel Housings – IC Rated

The Shallow LED Quick Connect Remodel Housings are perfect for both commercial and residential 2x6 or 2x4 framing or shallow plenum spaces. They feature an AIR-TITE™ full-frame design, robust construction, that can be installed in both Non-IC and IC environments. Slide-N-Side™ Wire Traps, Knock Outs, feed-through listing, and captive preinstalled mounting springs make these shallow housings easy to install. The Shallow LED Housings have an orange LED Quick Connect making it compatible with all 4", 5", and 6" HALO LED Trims and Modules.

Typical Applications Residential • Light Commercial
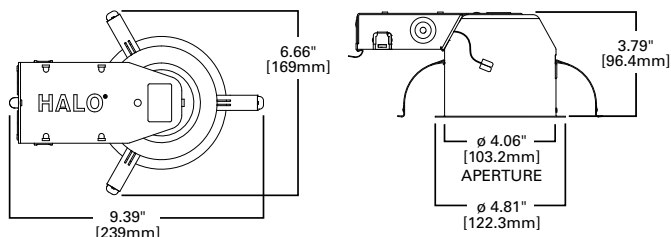
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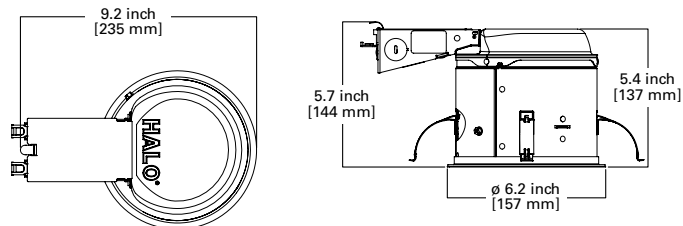- Product Warranty

Top Product Features

- Ideal for remodel installation in both light commercial and residential applications
- 4" H245RICAT Shallow Housing can be installed in 2x4 shallow plenum spaces
- 5" H2550RICAT and 6" H2750RICAT shallow housings can be installed in 2x6 shallow plenum spaces
- IC rated and Air-Tite to meet most regional installation requirements.
- Junction box with multiple 1/2" knockouts for conduit and Slide-N-Side™ connectors for non-metallic sheathed cable
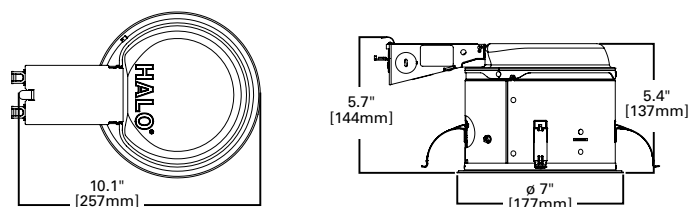- Supports multiple HALO LED Trims

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Dimensional and Mounting Details

H245RICAT

6.66"
[169mm]

9.39"
[239mm]

3.79"
[96.4mm]

ø 4.06"
[103.2mm]
APERTURE

ø 4.81"
[122.3mm]

H2550RICAT

9.2 inch
[235 mm]

5.7 inch
[144 mm]

5.4 inch
[137 mm]

ø 6.2 inch
[157 mm]

H2750RICAT

10.1"
[257mm]

5.7"
[144mm]

5.4"
[137mm]

ø 7"
[177mm]

Order Information

Catalog Number	Description	IC Rating (Insulation Contact)	AIR-TITE™	Framing (Plenum Space)	Connection	Slide-N-Side™ Wire Traps	1/2" KOs (Knockouts)	Wiring (4-port Push-in Connectors)	Input Voltage
H245RICAT	H245 4" Shallow Remodel Recessed Housing	•	•	2x4	Orange LED Quick Connect	2	2	3	120V
H2550RICAT	H2550 5" Shallow Remodel Recessed Housing	•	•	2x6	Orange LED Quick Connect	2	3	3	120V
H2750RICAT	H2750 6" Shallow Remodel Recessed Housing	•	•	2x6	Orange LED Quick Connect	2	3	3	120V

LED Trims

Downlights

LTE Recessed Baffle LED Trim
(4" & 5"/6")

LT Recessed Baffle LED Trim
(4" & 5"/6")

HLBT Slim LED Trim
(4" & 6")

CJB Integrated JBox Downlight
(4" & 6")

RL Recessed Baffle LED Trim
(3", 4", & 5"/6")

RSQ Square Recessed Baffle LED Trim
(4", 5", & 6")

RLD Recessed Deep Baffle LED Trim
(4" & 5"/6")

ML4 Series
(4")

ML56 Series
(5" & 6")

Adjustable

LA LED Adjustable LED Trim
(4" & 5"/6")

RA Recessed Adjustable LED Trim
(3", 4", & 5"/6")

ML56 Series
(4" Housings)

Specialty

Night Light Recessed LED Trim
(4" & 5"/6")

RL Smart Wi-Fi® Recessed LED Trim
(4" & 5"/6")

RL Dual Zone Smart Wi-Fi® Recessed LED Trim
(4" & 5"/6")

Product Specifications

Housing
- Single wall aluminum construction
- All openings are gasketed for Air-Tite™
- Shipped with paint overspray protector installed
- Exclusive AIR-TITE™ gasket meets code where required; Seals between housing and finished ceiling (without need for additional caulk)
- For installation from below the finished ceiling. Integral flange secures fixture against the ceiling
- Designed for insulated ceilings in direct contact with insulation (may also be installed in non-insulated ceilings)

Remodel Springs
- Three to four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material.
- Captive preinstalled mounting springs retain housing securely in ceiling
- Housing can be removed for service or splice inspection

Slide-N-Side™ and Junction Box (H245RICAT)
- Hinged and captive door for easy access
- Multiple 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
- Two 1/2" conduit pry-outs
- 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
- cULus Listed compact 10 in3 box volume; listed for maximum six No. 12 AWG or eight No. 14 AWG 90° C splice conductors in the box

Slide-N-Side™ and Junction Box (H2550RICAT & H2750RICAT)
- Hinged and captive door for easy access
- Multiple 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
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- 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
- cULus Listed compact 10 in3 box volume; listed for maximum six No. 12 AWG or eight 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

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.

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
- 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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