



4" LOW VOLTAGE UNIVERSAL IC NEW CONSTRUCTION HOUSING

50W MR16

IC44N SERIES

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

PRODUCT DESCRIPTION

IC Air-Loc® New Construction Housing with all 4" trims complies with IECC, Washington State and other state Energy Codes • Double wall construction • Energy efficient, sealed inner housing does not require separate ALG gasket **G option** provides pre-installed Air-Loc gasket on mounting frame to seal between fixture and mounting surface • Air-Loc housing stops infiltration and exfiltration of air, reducing heating and cooling costs.

PRODUCT SPECIFICATIONS

Lamp One 12V, 50W MR16 lamp.

Socket Ceramic bi-pin socket with aluminum heat shield.

Trims Trim selection shown on page 3.

Transformer 120V to 12V 50VA thermally protected magnetic transformer mounted inside outer housing.

Dimming May be dimmed using dimmers specifically designed for low voltage magnetic transformers; consult factory or dimmer manufacturer for additional information.

Labels UL listed for through-branch wiring, damp locations and IP • Product thermally protected against improper use of lamps • Union made • UL Listed/CSA certified • Trim No. 441, 4401, 4402 and 4481 are wet location approved for covered ceiling applications.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

Specifications subject to change without notice.

INSTALLATION

Real Nail® Bar Hangers Telescoping, Patented (US Patent D552,969) Real Nail 3 and Real Nail 2 systems permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings • Bars scored in two locations for fast, clean breaking, allowing housing installation in tight applications • Bars captive to mounting frame • Edge-mounted for extra strength • Quick-Loc slot (location identified on the mounting frame) and oversized locking set screw lock fixture in position • May be installed either perpendicular or parallel to junction box.

Real Nail 3 Bar Hanger Integral T-bar notch and clip secures housing in suspended ceiling grid – no accessory clips required • 24" expansion stop allows quick placement of fixture in standard grid spacing • Captive bugle-headed ring shank nail for quick one-step installation and easy removal with claw hammer for fixture relocation • Bar hanger foot contoured to align to bottom of construction joist • Alternate mounting holes included.

Real Nail 2 Bar Hanger (S options) Small bar hanger foot designed to install directly on strapping construction material • Features Real Nail captive nail system for quick one-step installation • G2405 accessory clips required for suspended ceiling installation.

Junction Box Pre-wired junction box provided with (6) 1/2" and (1) 3/4" knockouts, (4) Non-metallic sheathed cable connectors and ground wire, U.L. listed/CSA certified for through-branch wiring, maximum 8 No. 12 AWG 90° C branch circuit conductors (3 in, 3 out) • Junction box provided with removable access plates • Knockouts equipped with pryout slots • **W options** are supplied with **push-in electrical connectors** for fast installation.

Mounting Frame 22-gauge die-formed galvanized steel mounting frame • Rough-in section (junction box, mounting frame, housing and bar hangers) fully assembled for ease of installation • Pre-installed Air-Loc gasket for **G options**.

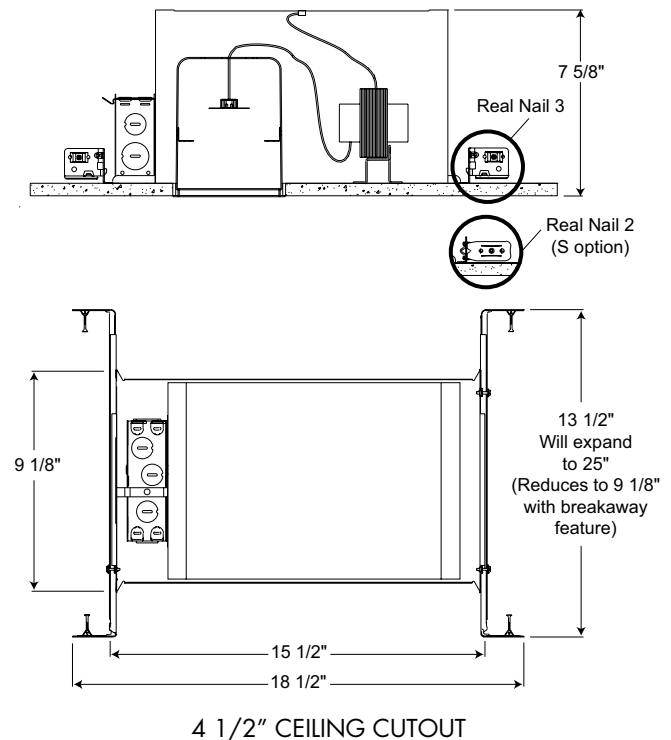
Housing Air-Loc IC housing, .032" aluminum • Access door for junction box accessibility • Housing is vertically adjustable to accommodate up to a 1" ceiling thickness.

PRODUCT CODES

Catalog Number	Input Voltage	Lamp Rating
IC44N	4" Low Voltage New Construction IC Housing	120V 12V 50W MR16
IC44N G	4" Low Voltage New Construction IC Housing with pre-installed Air-Loc gasket	120V 12V 50W MR16
IC44N S	4" Low Voltage New Construction IC Housing with smaller footprint bar hanger (Real Nail 2)	120V 12V 50W MR16
IC44N S G	4" Low Voltage New Construction IC Housing with smaller footprint bar hanger (Real Nail 2) and pre-installed Air-Loc gasket	120V 12V 50W MR16
IC44N W	4" Low Voltage New Construction IC Housing with push-in electrical connectors for fast, secure installation	120V 12V 50W MR16
IC44N W G	4" Low Voltage New Construction IC Housing with push-in electrical connectors and pre-installed Air-Loc gasket	120V 12V 50W MR16

Housing and trim can be ordered together or separate, but will always ship separately.

DIMENSIONS



Accessories

Catalog Number	Description
4TSA	4" Housing Trim Adapter
G2405	T-Bar Clips (Set of 4), for S option only











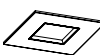








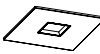





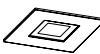














To order, specify catalog number.

4" LOW VOLTAGE UNIVERSAL IC NEW CONSTRUCTION HOUSING

50W MR16

IC44N SERIES


TRIMS/LAMPS

Catalog Number	Description	Catalog Number	Description
 	442 CWH 442 GWH 442 BWH 442 HZWH 442 WHZWH	 	4480 FROST 4" Decorative Solid Glass Collar Trim - Frosted Glass (torsion spring attachment)
 	443 BWH 4" Downlight Pinhole with Baffle Trim - Black Baffle, White Trim Ring	 	4481 CLEAR ♦ 4" Decorative Frosted Glass Trim - Perimeter Frosted Clear Glass (torsion spring attachment)
 	440 WH 440 BL 440 SC 440 ABZ		4475Q HZWH 4" Square Downlight Adjustable Trim - Haze, White Trim Ring
 	444 BWH 444 BSC 444 BABZ 444 BBL 444 WWH		4475Q BWH 4" Square Downlight Adjustable Trim - Black, White Trim Ring
 	445 WH 4" Adjustable Slot Aperture Trim - White 50° Vertical Adjustment		4475Q WHZWH 4" Square Downlight Adjustable Trim - Wheat Haze, White Trim Ring 35° Vertical Adjustment
 	447 CWH 447 GWH 447 BWH 447 PTSC 447 HZWH 447 WHZWH 447 WHZABZ		4435Q WH 4" Square Pinhole Trim - White
 	448 WH 448 SC		4405Q WH 4405Q BL 4" Square Flush Gimbal Trim - White 4" Square Flush Gimbal Trim - Black 35° Vertical Adjustment
 	449 WH 449 BL 449 SC 449 ABZ		4415Q WWH ♦ 4" Downlight Adjustable Square Lensed Trim - White, White Trim Ring 35° Vertical Adjustment
 	441 WWH ♦ 441 WSC ♦ 441 WABZ ♦		
 	446 WH 4" Wall Wash Adjustable Scoop Trim - White 50° Vertical Adjustment		
 	4401 WH ♦ 4401 SC ♦ 4401 ABZ ♦		
 	4402 WH ♦ 4402 SC ♦ 4402 ABZ ♦		
 	4403 FROSTWH 4403 FROSTSC		
 	4404 HZSC 4404 WHZABZ		
 	4450 MESHSC 4" Decorative Glass Cylinder Trim - Mesh Glass, Satin Chrome Trim Ring		

Note: Lamps may be dimmed. Use dimmers specifically designed for low voltage magnetic transformers; consult factory or dimmer manufacturer for additional information. 50W MR16 maximum wattage when used with IC44N.

Trim Size: 5" O.D.

Alzak is a registered trademark of Alcoa Corp.
Note: In Canada when insulation is present, Type IC fixtures must be used.

 JUNO IC housings meet IECC Energy Code requirements per ASTM E283.

Air-Loc® rated trims are pre-gasketed for minimum air leakage with IC housings.

♦ UL Listed for use in wet location.