



# 4" LOW VOLTAGE UNIVERSAL IC NEW CONSTRUCTION HOUSING

50W MR16  
IC44N

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
- 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 reverse.

**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** U.L. 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.

Product specifications subject to change without notice.

## INSTALLATION

**Real Nail 3 Bar Hangers** Telescoping Real Nail® 3 system covered under US Patent D552,969 permits quick placement of housing anywhere within 24" O.C. joists or suspended ceilings

- 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
- 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
- Captive bugle-headed ring shank nail for quick one-step installation and easy removal with claw hammer for fixture relocation
- Quick-Loc slot (location identified on the mounting frame) and oversized locking set screw lock fixture in position
- Bar hanger foot contoured to align to bottom of construction joist
- Alternate mounting holes included.

**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 6 No. 12 AWG 90° C branch circuit conductors (3 in, 3 out)

- Junction box provided with removable access plates
- Knockouts equipped with pryout slots.

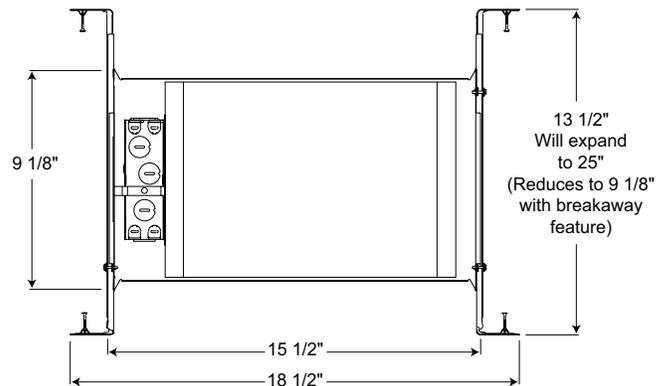
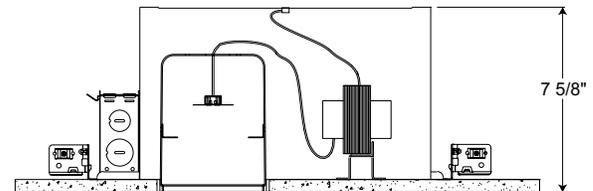
**Mounting Frame** 22-gauge die-formed galvanized steel mounting frame

- Rough-in section (junction box, mounting frame, housing and bar hangers) fully assembled for ease of installation.

**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.

## DIMENSIONS



4 1/2" CEILING CUTOUT

## ACCESSORIES

Catalog No.	Description
4TSA	Torsion Spring Adapter (for original style housing)

To order, specify catalog number.

## PRODUCT CODES

Catalog Number	Input Voltage	Lamp Rating (max.)
IC44N	120V	12V 50W MR16

# 4" LOW VOLTAGE UNIVERSAL IC NEW CONSTRUCTION HOUSING

50W MR16  
IC44N

## ROUND TRIMS

	Cat. No.	Description
	<b>442C-WH</b> <b>442G-WH</b> <b>442B-WH</b> <b>442HZ-WH</b> <b>442WHZ-WH</b>	Deep Cone Downlight - Clear Alzak® Deep Cone Downlight - Gold Alzak® Deep Cone Downlight - Black Alzak® Deep Cone Downlight - Haze Deep Cone Downlight - Wheat Haze
	<b>443B-WH</b>	Pinhole with Black Baffle Downlight
	<b>440-WH</b> <b>440-BL</b> <b>440-SC</b> <b>440-ABZ</b>	Flush Gimbal Ring Flush Gimbal Ring Flush Gimbal Ring Flush Gimbal Ring 40° Vertical Adjustment
	<b>444B-WH</b> <b>444B-SC</b> <b>444B-ABZ</b> <b>444B-BL</b> <b>444W-WH</b>	Downlight or Adjustable with Black Baffle Downlight or Adjustable with White Baffle 35° Vertical Adjustment
	<b>445-WH</b>	Slot Aperture Downlight or Adjustable 50° Vertical Adjustment
	<b>447C-WH</b> <b>447G-WH</b> <b>447B-WH</b> <b>447PT-SC</b> <b>447HZ-WH</b> <b>447WHZ-WH</b> <b>447WHZ-ABZ</b>	Downlight or Adjustable - Clear Alzak® Downlight or Adjustable - Gold Alzak® Downlight or Adjustable - Black Alzak® Downlight or Adjustable - Pewter Alzak® Downlight or Adjustable - Haze Downlight or Adjustable - Wheat Haze Downlight or Adjustable - Wheat Haze 35° Vertical Adjustment
	<b>448-WH</b> <b>448-SC</b>	Eyeball with Black Baffle Eyeball with Black Baffle 35° Vertical Adjustment
	<b>449-WH</b> <b>449-BL</b> <b>449-SC</b> <b>449-ABZ</b>	75° Vertical Aiming Adjustment
	<b>XR16101WH</b> <b>XR16101BL</b> <b>XR16101GP</b> <b>XR16101SL</b>	AVIO Square Gimbal Ring AVIO Square Gimbal Ring AVIO Square Gimbal Ring AVIO Square Gimbal 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.

**Trim Finish:** ABZ - Classic Aged Bronze, BL - Black, GP - Graphite, PW - Plastic White (Polycarbonate material shower trim), SC - Satin Chrome, SL - Silver, WH - White.

Alzak is a registered trademark of Alcoa Corp.

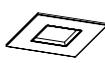
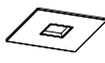
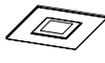
Note: In Canada when insulation is present, Type IC fixtures must be used.

 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.

	Cat. No.	Description
	<b>441W-WH</b> ◆ <b>441W-SC</b> ◆ <b>441W-ABZ</b> ◆	Adjustable Shower Trim, frosted lens with clear center 35° Vertical Adjustment
	<b>446-WH</b>	Scoop Adjustable 50° Vertical Adjustment
	<b>4401-WH</b> ◆ <b>4401-SC</b> ◆ <b>4401-ABZ</b> ◆	Beveled Dome Shower Beveled Dome Shower Beveled Dome Shower
	<b>4402-WH</b> ◆ <b>4402-SC</b> ◆ <b>4402-ABZ</b> ◆	Beveled Adjustable Shower Beveled Adjustable Shower Beveled Adjustable Shower
	<b>4403FROST-WH</b> <b>4403FROST-SC</b>	Beveled Adjustable Cylinder Beveled Adjustable Cylinder
	<b>4404HZ-SC</b> <b>4404WHZ-ABZ</b>	Beveled Adjustable Cone Beveled Adjustable Cone
	<b>4450MESH-SC</b>	Cylinder
	<b>4480FROST</b>	Solid Glass Collar (torsion spring attachment)
	<b>4481 CLEAR</b> ◆	All Glass Shower (torsion spring attachment)

## SQUARE TRIMS

	Cat. No.	Description
	<b>4475Q-HZ-WH</b> <b>4475Q-B-WH</b> <b>4475Q-WHZ-WH</b>	Square Downlight/Adjustable 35° Vertical Adjustment
	<b>4435Q-WH</b>	Square Pinhole
	<b>4405Q-WH</b> <b>4405Q-BL</b>	Square Flush Gimbal 35° Vertical Adjustment
	<b>4415Q-W-WH</b> ◆	Square Frosted Downlight/ Adjustable Lensed Trim with Clear Center 35° Vertical Adjustment

