JUNO

4” LOW VOLTAGE UNIVERSAL TC HOUSING

50W MR16

TC44

Project:

Fixture Type:

Location:

Contact/Phone:

PRODUCT DESCRIPTION

TC Housing design for use in non-insulated areas • If installed where insulation is present, the insulation must be pulled back 3” from all sides of the TC housing.

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 to junction box.

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 or insulation • 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

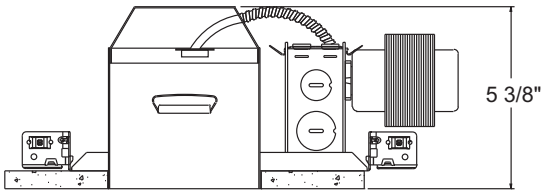
Real Nail 3 Bar Hangers Telescoping, patent-pending Real Nail 3 system permits quick placement of housing anywhere within 24” O.C. joists or suspended ceilings • Integral T-bar notch and clip secures housing in suspended ceiling grid – no accessory clips required • 24” expansion stop allows quick placement 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 and oversized locking set screw lock fixture in position • Bar hanger foot contoured to align to bottom of construction joist • Alternate mounting holes included.

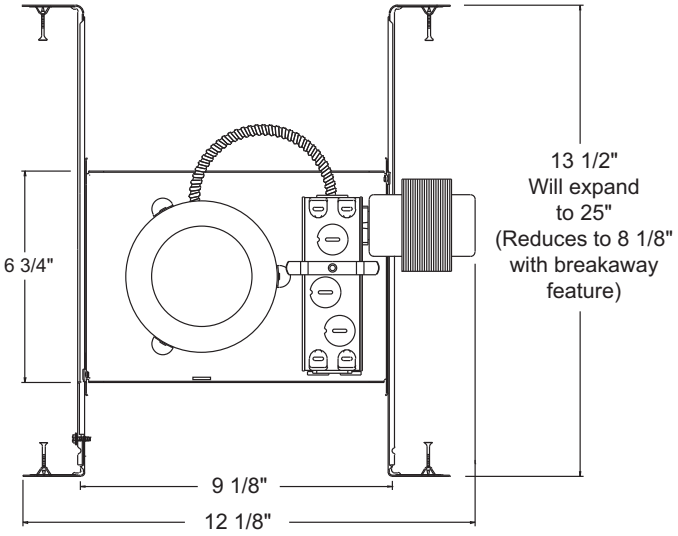
Junction Box Pre-wired junction box provided with (5) ½” and (1) ¾” knockouts, (4) Non-metallic sheathed cable connectors and ground wire, U.L. listed/CSA certified for through-branch wiring, maximum 8 No. 12 AWG 90˚ C branch circuit conductors (4 in, 4 out) • Junction box provided with removable access plates • Knockouts equipped with pryout slots.

Mounting Frame 22-gauge die-formed galvanized steel mounting frame • 10¼” L x 5¾” W, (excluding bar hangers) • Rough-in section (junction box, mounting frame, housing and bar hangers) fully assembled for ease of installation.

Housing TC housing, 22-gauge galvanized steel • Housing is vertically adjustable to accommodate up to a 1¼” 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.)
TC44	120V	12V 50W MR16

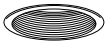
JUNO LIGHTING GROUP
by Schneider Electric

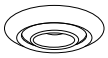
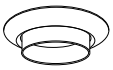
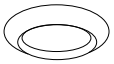
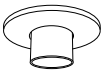
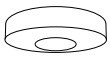
4” LOW VOLTAGE UNIVERSAL TC HOUSING

50W MR16

TC44

TRIMS

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

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

Note: Lamps may be dimmed. Use dimmers specifically designed for low voltage magnetic transformers; consult factory or dimmer manufacturer for additional information.

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.

◆ UL Listed for use in wet location.

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