JUNO®

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

4" MINIATURE UNIVERSAL TC NEW CONSTRUCTION HOUSING
INCANDESCENT LAMPS
TC1 SERIES

PRODUCT DESCRIPTION

TC New Construction 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 Lamp ratings based on trim selected – see page 2.
Socket Detachable medium base porcelain with nickel-plated copper screw shell.
Trims Trim selection shown on page 2.
Labels UL 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. 11, 12, 4101, 4102 and 4181 are wet location approved for covered ceiling applications • Trims 14, 17 are wet location approved for covered ceiling applications, **when used with outdoor rated lamps**.
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.
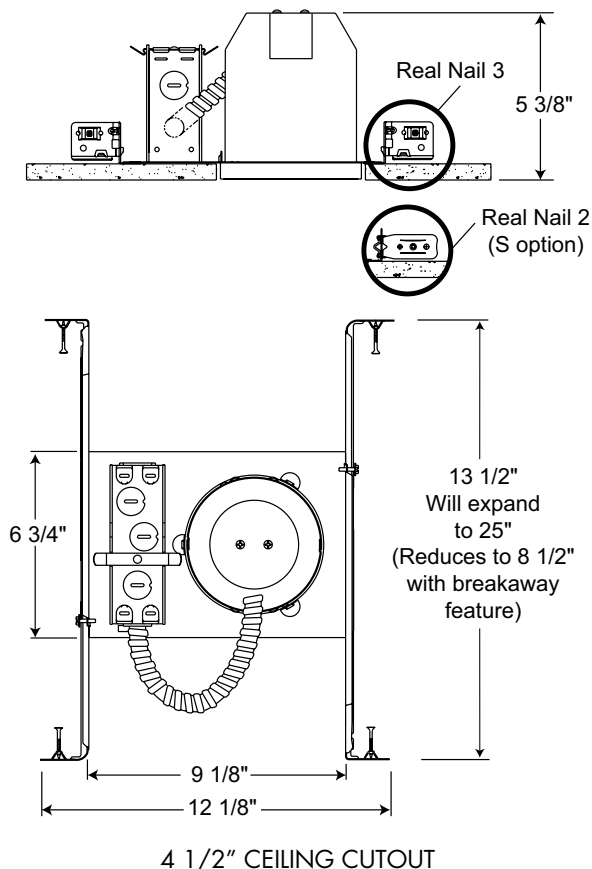
Real Nail 2 Bar Hanger (S options) Small bar hanger foot designed to install directly on strapping construction material • Features Real Nail captive nail system for quick one-step installation • G2405 accessory clips required for suspended ceiling installation.

Junction Box Pre-wired junction box provided with (5) $1/2$" 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 (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 • $9^1/8$" L x $6^3/4$" 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 $1^1/4$" ceiling thickness.

DIMENSIONS

Real Nail 3

5 3/8"

Real Nail 2 (S option)

13 1/2" Will expand to 25" (Reduces to 8 1/2" with breakaway feature)

6 3/4"

9 1/8"

12 1/8"

4 1/2" CEILING CUTOUT

Accessories

Catalog Number	Description
4TSA	4" Housing Trim Adapter
GU10WHIP	Medium Base to GU10 Adapter
G2405	T-Bar Clips (Set of 4), for S option only

To order, specify catalog number.

PRODUCT CODES

Catalog Number		Input Voltage	Lamp Rating
TC1	4" Incandescent New Construction Non-IC Housing	120V	R14/R16/R20/PAR16/PAR20 (See page 2 for max. trim rating)
TC1 S	4" Incandescent New Construction Non-IC Housing with smaller footprint bar hanger (Real Nail 2)	120V	R14/R16/R20/PAR16/PAR20 (See page 2 for max. trim rating)
TC1 W	4" Incandescent New Construction Non-IC Housing with push-in electrical connectors for fast, secure installation	120V	R14/R16/R20/PAR16/PAR20 (See page 2 for max. trim rating)

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

4" MINIATURE UNIVERSAL TC NEW CONSTRUCTION HOUSING
INCANDESCENT LAMPS
TC1 SERIES

TRIMS/LAMPS

	Catalog Number	Description	Max. Lamp Rating
	13 WH	2" Pinhole with Integral Shield	50W PAR20/50W R20
	14 BWH ◆◆	Black Baffle, White Trim Ring	50W PAR20/50W R20
	14 BSC ◆◆	Black Baffle, Satin Chrome Trim Ring	
	14 BBRZ ◆◆	Black Baffle, Bronze Trim Ring	
	14 BBL ◆◆	Black Baffle, Black Trim Ring	
	14 WWH ◆◆	White Baffle, White Trim Ring	
	17 CWH ◆◆	Clear Alzak® Cone, White Trim Ring	50W PAR20/50W R20
	17 BWH ◆◆	Black Cone, White Trim Ring	
	17 PTSC ◆◆	Pewter Cone, Satin Chrome Trim Ring	
	17 WWH ◆◆	White Cone, White Trim Ring	
	17 HZWH ◆◆	Haze Cone, White Trim Ring	
	17 WHZWH ◆◆	Wheat Haze Cone, White Trim Ring	
	17 WHZBRZ ◆◆	Wheat Haze Cone, Bronze Trim Ring	
	10 WH	Push-In Flush Gimbal Ring, White	50W PAR20/
	10 BL	Push-In Flush Gimbal Ring, Black	75W ES20 GU10
	10 SC	Push-In Flush Gimbal Ring, Satin Chrome	(Requires GU10WHIP)
	10 BRZ	Push-In Flush Gimbal Ring, Bronze	
	18 WH	Mini Eyeball, White	60W PAR16, 40W R16
	440 WH	Flush Gimbal Ring, White	50W MR16, 50W PAR16,
	440 BL	Flush Gimbal Ring, Black	50W ES16 GU10 (Requires
	440 SC	Flush Gimbal Ring, Satin Chrome	GU10WHIP)
	440 BRZ	Flush Gimbal Ring, Bronze (uses 2" optical media)	
	445 WH	Adjustable Slot Aperture, White	50W MR16, 50W PAR16, 50W ES16 GU10 (Requires GU10WHIP)
	12 WWH ◆	Perimeter Frosted Lens, White Trim Ring	50W PAR20/50W R20
	12 WSC ◆	Perimeter Frosted Lens, Satin Chrome Trim Ring	
	12 WBRZ ◆	Perimeter Frosted Lens, Bronze Trim Ring	
	16 WH	Scoop Wall Wash w/higher inner shield, White	40W R14/40W R16 intermediate screw base
	446 WH	Adjustable Scoop, White	50W MR16, 50W PAR16, 50W ES16 GU10 (Requires GU10WHIP)
	4101 WH ◆	Beveled Dome Shower, White	50W PAR20, 50W R20
	4181 CLEAR ◆	Perimeter Frosted Clear Glass (torsion spring attachment)	50W PAR20, 50W R20
	17SQ HZWH ◆◆	Square Downlight, Haze, White Trim Ring	50W PAR20, 30W R20
	17SQ WWH ◆◆	Square Downlight, White, White Trim Ring	
	17SQ BWH ◆◆	Square Downlight, Black, White Trim Ring	
	17SQ WHZWH ◆◆	Square Downlight, Wheat Haze Reflector	
	13SQ WH	Square Pinhole, White	50W PAR20, 50W R20
	440SQ WH	Square Flush Gimbal, White	50W MR16 120V
	440SQ BL	Square Flush Gimbal, Black	GU10 Base (Requires GU10WHIP) 35° Vertical Adjustment
	12SQ WWH ◆	Square Frosted Lens w/Clear Center White, White Trim Ring	50W PAR20, 50W R20
	GU10WHIP	Medium Base to GU10 Adapter	

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.

◆ UL Listed for use in wet location.

◆◆ UL Listed for use in wet location with outdoor rated lamp.

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