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.

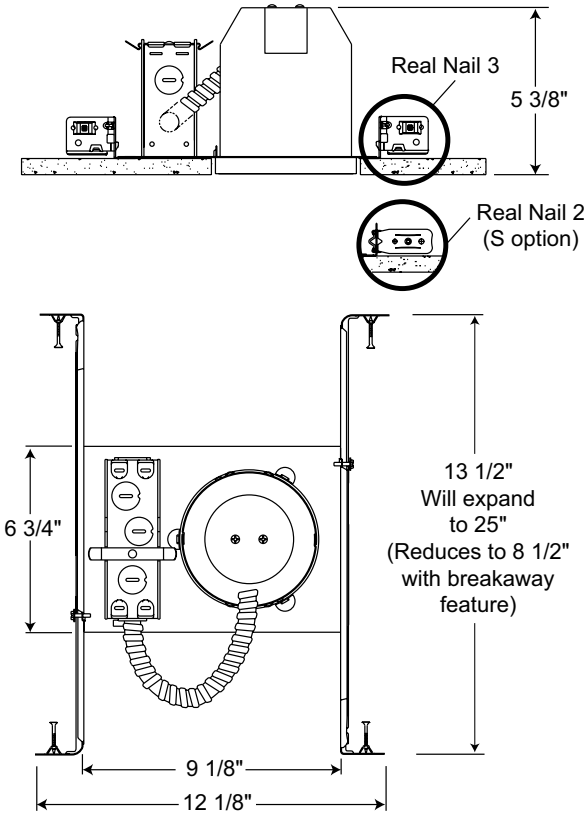
Real Nail 2 Bar Hanger (S options) Small bar hanger foot designed to install directly on strapping construction material • Features Real Nail captive nail system for quick one-step installation • G2405 accessory clips required for suspended ceiling installation.

Junction Box Pre-wired junction box provided with (5) 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 • 9⅛" L x 6¾" 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 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)

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

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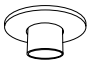
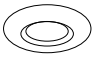
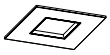
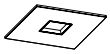
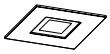
4" MINIATURE UNIVERSAL TC NEW CONSTRUCTION HOUSING

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 ◆◆** **14 BSC ◆◆** **14 BABZ ◆◆** **14 BBL ◆◆** **14 WWH ◆◆**	Black Baffle, White Trim Ring Black Baffle, Satin Chrome Trim Ring Black Baffle, Classic Aged Bronze Trim Ring Black Baffle, Black Trim Ring White Baffle, White Trim Ring	50W PAR20/50W R20
	**17 CWH ◆◆** **17 GWH ◆◆** **17 BWH ◆◆** **17 PTSC ◆◆** **17 WWH ◆◆** **17 HZWH ◆◆** **17 WHZWH ◆◆** **17 WHZABZ ◆◆**	Clear Alzak® Cone, White Trim Ring Gold Cone, White Trim Ring Black Cone, White Trim Ring Pewter Cone, Satin Chrome Trim Ring White Cone, White Trim Ring Haze Cone, White Trim Ring Wheat Haze Cone, White Trim Ring Wheat Haze Cone, Classic Aged Bronze Trim Ring	50W PAR20/50W R20
	**10 WH** **10 BL** **10 SC** **10 ABZ**	Push-In Flush Gimbal Ring, White Push-In Flush Gimbal Ring, Black Push-In Flush Gimbal Ring, Satin Chrome Push-In Flush Gimbal Ring, Classic Aged Bronze	50W PAR20/ 75W ES20 GU10 (Requires GU10WHIP)
	**18 WH** **18 SC**	Mini Eyeball, White Mini Eyeball, Satin Chrome	60W PAR16, 40W R16
	**19 WH**	Mini Eyeball, White	40W R14/40W R16 intermediate screw base
	**440 WH** **440 BL** **440 SC** **440 ABZ**	Flush Gimbal Ring, White Flush Gimbal Ring, Black Flush Gimbal Ring, Satin Chrome Flush Gimbal Ring, Classic Aged Bronze (uses 2" optical media)	50W MR16, 50W PAR16, 50W ES16 GU10 (Requires GU10WHIP)
	**445 WH**	Adjustable Slot Aperture, White	50W MR16, 50W PAR16, 50W ES16 GU10 (Requires GU10WHIP)
	**448 WH** **448 SC**	Eyeball, White w/Black Baffle Eyeball, Satin Chrome w/Black Baffle	50W MR16, 50W PAR16, 50W ES16 GU10 (Requires GU10WHIP)
	**11 WH ◆**	Drop Opal, White	50W PAR20/50W R20
	**12 WWH ◆** **12 WSC ◆** **12 WABZ ◆**	Perimeter Frosted Lens, White Trim Ring Perimeter Frosted Lens, Satin Chrome Trim Ring Perimeter Frosted Lens, Classic Aged Bronze Trim Ring	50W PAR20/50W R20
	**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 ◆** **4101 SC ◆** **4101 ABZ ◆**	Beveled Dome Shower, White Beveled Dome Shower, Satin Chrome Beveled Dome Shower, Classic Aged Bronze	50W PAR20, 50W R20
	**4102 WH ◆** **4102 SC ◆** **4102 ABZ ◆**	Beveled Shower, White Beveled Shower, Satin Chrome Beveled Shower, Classic Aged Bronze	50W PAR20, 50W R20
	**4103 FROSTWH** **4103 FROSTSC**	Beveled Cylinder, Frosted Glass, White Trim Ring Beveled Cylinder, Frosted Glass, Satin Chrome Trim Ring	50W PAR20, 50W R20
	**4104 HZSC** **4104 WHZABZ**	Beveled Haze Cone, Satin Chrome Trim Ring Beveled Wheat Haze Cone , Classic Aged Bronze Trim Ring	50W PAR20, 50W R20

	Catalog Number	Description	Max. Lamp Rating
	**4150 MESHSC**	Cylinder, Mesh Glass, Satin Chrome Trim Ring	50W PAR20, 50W R20
	**4180 FROST**	Solid Glass Collar Trim, Frosted Glass (torsion spring attachment)	50W PAR20, 50W R20
	**4181 CLEAR ◆**	Perimeter Frosted Clear Glass (torsion spring attachment)	50W PAR20, 50W R20
	**17SQ HZWH ◆◆** **17SQ WWH ◆◆** **17SQ BWH ◆◆** **17SQ WHZWH ◆◆**	Square Downlight, Haze, White Trim Ring Square Downlight, White, White Trim Ring Square Downlight, Black, White Trim Ring Square Downlight, Wheat Haze Reflector	50W PAR20, 30W R20
	**13SQ WH**	Square Pinhole, White	50W PAR20, 50W R20
	**440SQ WH** **440SQ BL**	Square Flush Gimbal, White Square Flush Gimbal, Black	50W MR16 120V 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.

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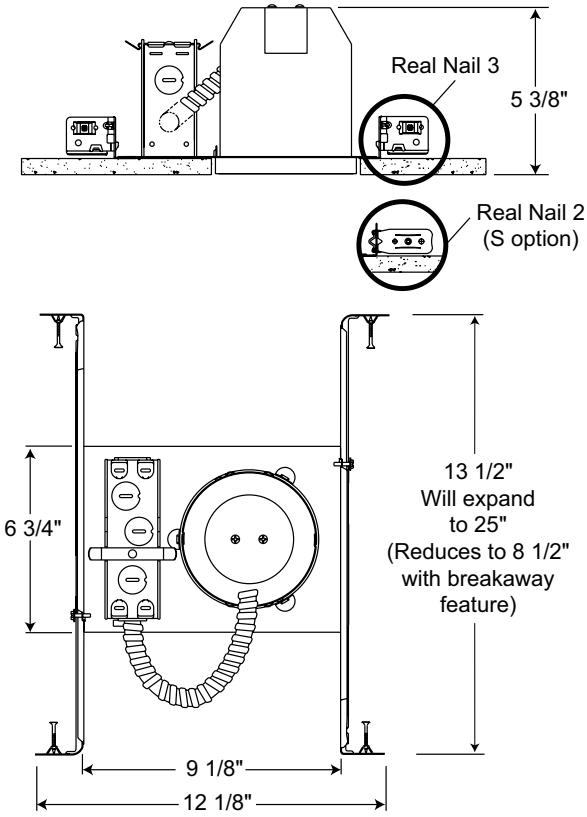
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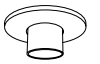
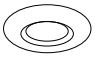
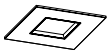
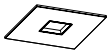
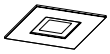
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	**17 CWH ◆◆** **17 GWH ◆◆** **17 BWH ◆◆** **17 PTSC ◆◆** **17 WWH ◆◆** **17 HZWH ◆◆** **17 WHZWH ◆◆** **17 WHZABZ ◆◆**	Clear Alzak® Cone, White Trim Ring Gold Cone, White Trim Ring Black Cone, White Trim Ring Pewter Cone, Satin Chrome Trim Ring White Cone, White Trim Ring Haze Cone, White Trim Ring Wheat Haze Cone, White Trim Ring Wheat Haze Cone, Classic Aged Bronze Trim Ring	50W PAR20/50W R20
	**10 WH** **10 BL** **10 SC** **10 ABZ**	Push-In Flush Gimbal Ring, White Push-In Flush Gimbal Ring, Black Push-In Flush Gimbal Ring, Satin Chrome Push-In Flush Gimbal Ring, Classic Aged Bronze	50W PAR20/ 75W ES20 GU10 (Requires GU10WHIP)
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	**11 WH ◆**	Drop Opal, White	50W PAR20/50W R20
	**12 WWH ◆** **12 WSC ◆** **12 WABZ ◆**	Perimeter Frosted Lens, White Trim Ring Perimeter Frosted Lens, Satin Chrome Trim Ring Perimeter Frosted Lens, Classic Aged Bronze Trim Ring	50W PAR20/50W R20
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