

# LED REMODEL ADJUSTABLE

3-1/4" APERTURE  
 Non-IC Rated, 13W LED  
**TC43LR**

## PRODUCT DESCRIPTION

Recessed adjustable 13W LED remodel luminaire produces up to 700 fixture lumens (depending on trim) and approximates the performance of a 50W MR16 lamp. Fixture has 50° visual cutoff. Low profile non-IC rated housing for use in non-insulated areas or where insulation is spaced at least 3" from housing. Installs quickly and securely with patented (US Patent 7,191,993) push-pull cable system through ceiling opening.

## PRODUCT SPECIFICATIONS

**LED Light Engine** Replaceable LED array with connector mounts directly to high purity aluminum heat sink to provide superior thermal management • Consistent fixture to fixture color consistency within 3-step MacAdam ellipse • 2700K, 3000K, 3500K, or 4000K color temperatures are available with 85 CRI typical • 3000K also available with 93 CRI typical and R9 >80.

**Modular Optics** Available in three (3) factory-configured beam spreads, the optics are field interchangeable if other beam spreads are required after fixture installation • 12° Spot, 24° Narrow Flood, and 35° Flood optics available • Patent pending auto-adjusting optic holder maximizes luminaire efficiency by maintaining optimal LED optic position and accommodates up to two (2) additional beam control lenses and/or filters.

**Adjustability** 370° rotation, 35° tilt hot aiming with locking • Optimized optics translates light engine forward as it is aimed off nadir, ensuring maximum light and low brightness • Black aiming mechanism preserves dark aperture.

**Trims Style** Trim Ring and Self Flanged reflectors utilize torsion spring retention for tight, secure fit to ceiling • Trim ring features beveled knife edge for clean ceiling interface • Self Flanged reflectors with polished or optional white painted flange.

**LED Driver** Choice of three drivers to accommodate voltages from 120-277 volts AC • Dedicated 120V (-I) driver is dimmable with most incandescent, magnetic low voltage and electronic low voltage dimmers • Universal Voltage (-U) driver is dimmable with most 0-10V protocol dimmers • Lutron A Series (-L) driver is 3-wire dimmable and compatible with EcoSystem® • For a list of compatible dimmers, refer to [ACULXLED-DIM](#) • Power Factor > 0.9 • Field replaceable from below or above ceiling.

**Life** Rated for 50,000 hrs at 70% lumen maintenance.

**Warranty** 5 years from date of purchase on LED components • Standard Juno Lighting Group product guarantee terms and conditions apply.

**Codes/Labels** UL and cUL listed, damp locations and wet locations with suitable trims • Union made.

**Patented (US Patent 7,191,993) "Push-Pull" Cable System** Allows rapid installation without tools or loose parts • Housing accommodates ceiling thickness from 3/8" to 2" without altering photometrics • Fits 2 x 6 construction.

**Junction Box** Includes (5) 1/2" and (4) Non-metallic sheathed cable knock-outs • Push-in electrical connectors for field connections.

**Housing/Mounting Frame** Galvanized steel plaster frame • Housing anodized black for visually dark interior • Packaged for ease of rapid installation.

Project: \_\_\_\_\_

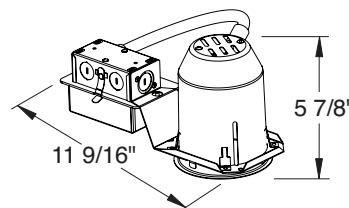
Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_



## DIMENSIONS



4 3/8" CEILING CUTOUT\*

## ELECTRICAL DATA

Driver Option	Dedicated 120V (-I)	Universal Voltage (-U)	Lutron A Series (-L)
Voltage	120	120 277	120 277
Input Power	12.8	13.7 14.1	12.6 13.6
Input Current	0.10	0.11 0.05	0.10 0.05
Frequency	50/60Hz	50/60Hz	50/60Hz
Power Factor	0.99	0.99 0.90	0.99 0.94

## Ordering Information Example: TC43LR-830-N-1

Housings	CRI/Color Temperature	Beam Optics	Drivers
TC43LR	827 2700K, 85CRI	S 12° Spot	I 120V, Forward & Reverse Phase Dimming
	830 3000K, 85CRI	N 24° Narrow Flood	
	835 3500K, 85CRI	F 35° Flood	U 120-277V, 0-10V Dimming
	840 4000K, 85CRI		L 120-277V, Lutron 3-wire Dimming, Ecosystem Compatible
	930 3000K, 93CRI		

## Accessories

Cat. #	Description	Cat. #	Description
7741	Med. Pink Color Filter	77411	Blue Green Dichroic Lens
7742	Warm Red Color Filter	77416	Daylight Blue Correction Lens
7743	Daylight Blue Color Filter	77420	Diffuse Spread Lens
7744	Med. Blue Color Filter	77422	UV Filter Lens
7745	Med. Amber Color Filter	77477	Prismatic Lens
7746	Med. Green Color Filter	77478	Linear Spread Lens
77401	Red Dichroic Lens	77459BL	Hexcell Louver
77403	Med. Green Dichroic Lens	TIR-1-SP	12° Spot Optic
77404	Med. Blue Dichroic Lens	TIR-1-NFL	24° Narrow Flood Optic
77405	Yellow Dichroic Lens	TIR-1-FL	35° Flood Optic
77406	Magenta Dichroic Lens	EMI-20	20W Emergency Lighting Inverter

\*For best results, a hole saw is recommended.


Product specifications subject to change without notice.


# LED REMODEL ADJUSTABLE

## TC43LR


### Trim Selection (Trim Ring and Self Flanged)

#### DOWNLIGHT (Trim Ring Catalog # Shown)


Cat. No.	Description
<b>Deep Downlight Cone</b>	
	
<b>437NB-ABZ</b>	Black Alzak® Cone
<b>437NB-SC</b>	Black Alzak® Cone
<b>437NB-WH†</b>	Black Alzak® Cone
<b>437NC-WH†</b>	Clear Alzak® Cone
<b>437NG-WH†</b>	Gold Alzak® Cone
<b>437NHZ-SC</b>	Haze Alzak® Cone
<b>437NHZ-WH†</b>	Haze Alzak® Cone
<b>437NWHZ-ABZ</b>	Wheat Haze Alzak® Cone
<b>437NWHZ-WH†</b>	Wheat Haze Alzak® Cone


<b>Deep Downlight Baffle</b>	
	
<b>434NB-ABZ</b>	Black Baffle
<b>434NB-SC</b>	Black Baffle
<b>434NB-WH</b>	Black Baffle
<b>434NW-WH</b>	White Baffle


<b>Downlight 1 1/4" Pinhole</b>	
	
<b>4337N-ABZ</b>	Black Alzak® Reflector
<b>4337N-SC</b>	Black Alzak® Reflector
<b>4337N-WH</b>	Black Alzak® Reflector


<b>Downlight Regressed 1 3/4" Pinhole</b>	
	
<b>4307N-WH</b>	Black Alzak® Reflector


#### LENSED (Trim Ring Catalog # Shown)


<b>Downlight Lensed Trim</b>	
	
<b>432NB-WH†</b>	Black Alzak® Cone
<b>432NC-WH†</b>	Clear Alzak® Cone
<b>432NG-WH†</b>	Gold Alzak® Cone
<b>432NHZ-SC</b>	Haze Alzak® Cone
<b>432NHZ-WH†</b>	Haze Alzak® Cone
<b>432NWHZ-ABZ</b>	Wheat Haze Alzak® Cone
<b>432NWHZ-WH†</b>	Wheat Haze Alzak® Cone

<b>Angle-Cut Lensed Trim</b>	
	
<b>431NB-WH†</b>	Black Alzak® Cone
<b>431NC-WH†</b>	Clear Alzak® Cone
<b>431NG-WH†</b>	Gold Alzak® Cone
<b>431NHZ-SC</b>	Haze Alzak® Cone
<b>431NHZ-WH†</b>	Haze Alzak® Cone
<b>431NWHZ-ABZ</b>	Wheat Haze Alzak® Cone
<b>431NWHZ-WH†</b>	Wheat Haze Alzak® Cone

<b>Downlight 1 1/4" Pinhole with uniformity lens</b>	
	
<b>4332N-ABZ</b>	Black Alzak® Reflector
<b>4332N-SC</b>	Black Alzak® Reflector
<b>4332N-WH</b>	Black Alzak® Reflector


<b>Adjustable 1 1/4" Pinhole with uniformity lens</b>	
	
<b>4331N-ABZ</b>	Black Alzak® Reflector
<b>4331N-SC</b>	Black Alzak® Reflector
<b>4331N-WH</b>	Black Alzak® Reflector


<b>Downlight Regressed 1 3/4" Pinhole with uniformity lens</b>	
	
<b>4302N-WH</b>	Black Alzak® Reflector


<b>Adjustable Regressed 1 3/4" Pinhole with uniformity lens</b>	
	
<b>4301N-WH</b>	Black Alzak® Reflector


Trim Ring Finish: ABZ - Classic Aged Bronze, SC - Satin Chrome, WH - White.


#### ADJUSTABLE (Trim Ring Catalog # Shown)


<b>Angle-Cut Cone</b>	
	
<b>438NB-ABZ</b>	Black Alzak® Cone
<b>438NB-SC</b>	Black Alzak® Cone
<b>438NB-WH†</b>	Black Alzak® Cone
<b>438NC-WH†</b>	Clear Alzak® Cone
<b>438NG-WH†</b>	Gold Alzak® Cone
<b>438NHZ-SC</b>	Haze Alzak® Cone
<b>438NHZ-WH†</b>	Haze Alzak® Cone
<b>438NWHZ-ABZ</b>	Wheat Haze Alzak® Cone
<b>438NWHZ-WH†</b>	Wheat Haze Alzak® Cone

<b>20° Angle-Cut Cone</b>	
	
<b>430NB-WH†</b>	Black Alzak® Cone
<b>430NC-WH†</b>	Clear Alzak® Cone
<b>430NG-WH†</b>	Gold Alzak® Cone
<b>430NHZ-SC</b>	Haze Alzak® Cone
<b>430NHZ-WH†</b>	Haze Alzak® Cone
<b>430NWHZ-ABZ</b>	Wheat Haze Alzak® Cone
<b>430NWHZ-WH†</b>	Wheat Haze Alzak® Cone


<b>Slot Angle-Cut Cone</b>	
	
<b>436NB-ABZ</b>	Black Alzak® Cone
<b>436NB-SC</b>	Black Alzak® Cone
<b>436NB-WH†</b>	Black Alzak® Cone
<b>436NC-WH†</b>	Clear Alzak® Cone
<b>436NG-WH†</b>	Gold Alzak® Cone
<b>436NHZ-SC</b>	Haze Alzak® Cone
<b>436NHZ-WH†</b>	Haze Alzak® Cone
<b>436NWHZ-ABZ</b>	Wheat Haze Alzak® Cone
<b>436NWHZ-WH†</b>	Wheat Haze Alzak® Cone

<b>Angle-Cut Baffle</b>	
	
<b>435NB-ABZ</b>	Black Baffle
<b>435NB-SC</b>	Black Baffle
<b>435NB-WH</b>	Black Baffle
<b>435NW-WH</b>	White Baffle

<b>Adjustable 1 1/4" Pinhole</b>	
	
<b>433N-ABZ</b>	Black Alzak® Reflector
<b>433N-SC</b>	Black Alzak® Reflector
<b>433N-WH</b>	Black Alzak® Reflector

<b>Adjustable 1 3/4" Pinhole</b>	
	
<b>4335N-ABZ</b>	Black Alzak® Reflector
<b>4335N-SC</b>	Black Alzak® Reflector
<b>4335N-WH</b>	Black Alzak® Reflector

<b>Slot Pinhole</b>	
	
<b>4345N-WH</b>	Black Alzak® Reflector

<b>Adjustable Regressed 1 3/4" Pinhole</b>	
	
<b>4308N-WH</b>	Black Alzak® Reflector

#### WALL WASH (Trim Ring Catalog # Shown)

<b>Lensed Wall Wash</b>	
	
<b>439NB-WH†</b>	Black Alzak® Cone
<b>439NC-WH†</b>	Clear Alzak® Cone
<b>439NG-WH†</b>	Gold Alzak® Cone
<b>439NW-WH†</b>	White Cone
<b>439NHZ-SC</b>	Haze Alzak® Cone
<b>439NHZ-WH†</b>	Haze Alzak® Cone
<b>439NWHZ-ABZ</b>	Wheat Haze Alzak® Cone
<b>439NWHZ-WH†</b>	Wheat Haze Alzak® Cone

†Self Flanged: Replace "-WH" suffix with "-SF".

For self flanged reflector with optional white painted flange, replace "-SF" suffix with "-SFWH".

**Note:** Flush mount trims are not compatible with TC43LR.