



# TRAC 12 CONIX® II LED SPOTLIGHT 12-VOLT AC TL261L

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

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

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

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

## PRODUCT DESCRIPTION

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. They have integral TIR optics which enable uniform spot, flood or narrow flood distributions to be achieved. The 13W TL261L Conix II LED spotlight approximates the light output and distribution of 75W MR16 halogen lamps, utilizing less than 1/5 of the energy and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. An optional high CRI version is available in 2700K or 3000K with a minimum 90 CRI. The white light Conix II LED is compatible with standard Trac 12 and Trac 12/25 trac, operating with 12V AC power. It can be placed anywhere along the Trac, and the trac can be cut-to-length during installation, making it an economical and flexible accent lighting choice. Its integral, bayonet-mounted accessory holder accommodates one accessory if desired.

## PRODUCT SPECIFICATIONS

**LED** Single high performance LED array provides outstanding reliability, performance and color quality/consistency • 2700K, 3000K, 3500K or 4000K white phosphor high performance LEDs • Chromaticity range within a 2-step MacAdam Ellipse • Minimum 80 CRI on standard versions • Optional high CRI 2700K or 3000K versions offer 90 CRI minimum.

**Driver** Concealed in mounting arm to minimize overall fixture footprint.

**Optics** Interchangeable computer-designed custom TIR optics available in three factory-configured beam spreads • One TIR optic provided with fixture (as specified in catalog number) • Accessory optics available to enable beam changes in the field • Beam patterns can also be altered as desired using a variety of available light control accessories.

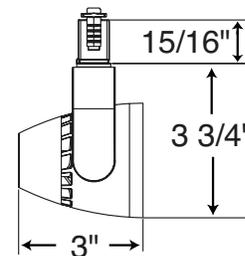
**Accessory Holder** Integral to fixture design • Die cast aluminum construction • Precision bayonet mounting • Accommodates one accessory if desired.

**Construction** Die cast aluminum housing provides outstanding thermal management of LED, yielding 70% average lumen maintenance at 50,000 hours of operation • Fashionable, elegant design complements any decor • Available in white, black and silver painted finishes.

**Aiming** 90° vertical aiming capability and 360° horizontal coverage.

**Electrical Contacts** Beryllium copper.

## DIMENSIONS



**Trac & Monopoints** Refer to specification sheets [D3.1.0](#) and [D3.1.1](#).

**Transformers/Drivers** Compatible with all 12VAC Trac 12 and Trac 12/25 Remote Mount Magnetic Transformers – refer to specification sheets [D3.1.3](#) or [D3.1.6](#) or [D3.1.10](#) • Compatible with all 12VAC TL601E or TL602E Electronic Drivers – refer to specification sheets [D3.1.8](#) or [D3.1.9](#) • Compatible with TL540U Monopoints w/integral Transformer – refer to specification sheet [D3.1.0](#).

**Dimming** May be dimmed with dimmers tested and qualified by Juno for use with the non-resistive TL261L Series load – see transformer/driver specifications for compatible dimmers • Color temperature remains constant over dimming range • Consult factory for additional information.

**Warranty** Warranty period is 5 years on LED components from date of purchase • Standard Juno Lighting Group product guarantee terms and conditions apply • Continuously operating the TL261L above 12VAC will void the warranty.

**Labels** UL/cUL listed for use with Trac 12 and Trac 12/25 trac.

Specifications subject to change without notice.

## ORDERING INFORMATION

Fixture Type	Color Temperature	Color Rendering Index	Beam Spread	Finish
TL261L Conix II LED	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 80 CRI 90CRI 90 CRI (2700K & 3000K only)	SP Spot NFL Narrow Flood FL Flood	BL Black SL Silver WH White

Ordering Example: TL261L 27K 80CRI NFL BL

## ACCESSORIES

Cat. No.	Description	Cat. No.	Description	Cat. No.	Description
HCLBL 200	Hexagonal Cell Louver - Black	DIFF 200	Diffuse Glass Lens	TIR2 SPT	TIR Optic - Spot
CGF 200	Color Glass Filter	SOLITE 200	Uniformity Lens (Solite)	TIR2 NFLD	TIR Optic - Narrow Flood
DGF 200	Dichroic Glass Filter	PRISM 200	Prismatic Spread Glass Lens	TIR2 FLD	TIR Optic - Flood
DCCF 200	Dichroic Color Correction Filter <sup>1</sup>	LSPREAD 200	Linear Spread Glass Lens		

See specification sheet [D1.2.2](#) for details.

<sup>1</sup>T7418 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

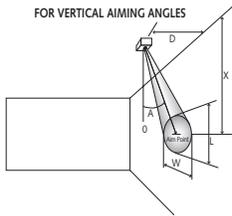
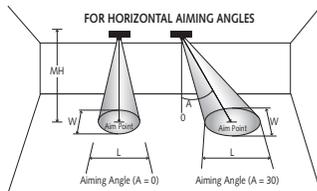
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### PERFORMANCE DATA<sup>1</sup>

Catalog Number	Input Voltage	Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
TL261L 27K 80CRI SP	12V	12.6W	777	62	50,000
TL261L 27K 80CRI NFL	12V	12.6W	819	65	50,000
TL261L 27K 80CRI FL	12V	12.6W	787	62	50,000
TL261L 27K 90CRI SP	12V	12.6W	576	46	50,000
TL261L 27K 90CRI NFL	12V	12.6W	608	48	50,000
TL261L 27K 90CRI FL	12V	12.6W	584	46	50,000
TL261L 30K 80CRI SP	12V	12.6W	835	66	50,000
TL261L 30K 80CRI NFL	12V	12.6W	881	70	50,000
TL261L 30K 80CRI FL	12V	12.6W	846	67	50,000
TL261L 30K 90CRI SP	12V	12.6W	618	49	50,000
TL261L 30K 90CRI NFL	12V	12.6W	652	52	50,000
TL261L 30K 90CRI FL	12V	12.6W	626	50	50,000
TL261L 35K 80CRI SP	12V	12.6W	893	71	50,000
TL261L 35K 80CRI NFL	12V	12.6W	943	75	50,000
TL261L 35K 80CRI FL	12V	12.6W	905	72	50,000
TL261L 40K 80CRI SP	12V	12.6W	835	66	50,000
TL261L 40K 80CRI NFL	12V	12.6W	881	70	50,000
TL261L 40K 80CRI FL	12V	12.6W	846	67	50,000

CBCP • Centerbeam candlepower  
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°, 1.732 for 60°).



<sup>1</sup>Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25 °C ambient. In practice, multiple fixtures used in a system will average slightly lower power consumption due to voltage drop within the system.  
Note: For operation at 11.5 volts multiply Lumens by 0.94.



Fixture	Beam Type	Beam Spread°	Rated Life	CBCP	0°			30°			30°			45°			60°								
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W	D	FC	X	L	W
Conix® II LED 13W LED, 3000K Spot	S	17°	50000	6578	6	183	1.8	1.8	119	2.4	2.1	3	91	5.2	3.9	1.8	258	3.0	1.9	1.3	6	119	3.5	2.4	2.1
					8	103	2.4	2.4	67	3.3	2.8	4	51	6.9	5.2	2.4	145	4.0	2.5	1.7	8	67	4.6	3.3	2.8
					10	66	3.0	3.0	43	4.1	3.5	5	33	8.7	6.5	3.0	93	5.0	3.1	2.1	10	43	5.8	4.1	3.5
					12	46	3.6	3.6	30	4.9	4.2	6	23	10.4	7.8	3.6	65	6.0	3.7	2.6	12	30	6.9	4.9	4.2
					14	34	4.2	4.2	22	5.7	4.9	7	17	12.1	9.1	4.2	47	7.0	4.3	3.0	14	22	8.1	5.7	4.9
Conix® II LED 13W LED, 3000K Narrow Flood	N	30°	50000	3233	5	129	2.7	2.7	84	3.7	3.1	2	101	3.5	5.6	2.2	286	2.0	2.3	1.5	4	131	2.3	3.0	2.5
					6	90	3.3	3.3	58	4.5	3.8	3	45	5.2	8.4	3.3	127	3.0	3.5	2.3	5	84	2.9	3.7	3.1
					7	66	3.8	3.8	43	5.2	4.4	4	25	6.9	11.2	4.3	71	4.0	4.7	3.1	6	58	3.5	4.5	3.8
					8	51	4.3	4.3	33	5.9	5.0	5	16	8.7	14.0	5.4	46	5.0	5.9	3.8	7	43	4.0	5.2	4.4
					9	40	4.9	4.9	26	6.7	5.6	6	11	10.4	16.8	6.5	32	6.0	7.0	4.6	8	33	4.6	5.9	5.0
Conix® II LED 13W LED, 3000K Flood	F	43°	50000	1558	3	173	2.3	2.3	112	3.3	2.7	1.5	87	2.6	8.7	2.3	245	1.5	2.8	1.7	3	112	1.7	3.3	2.7
					4	97	3.1	3.1	63	4.4	3.6	2.0	49	3.5	11.5	3.1	138	2.0	3.7	2.2	4	63	2.3	4.4	3.6
					5	62	3.9	3.9	40	5.5	4.5	2.5	31	4.3	14.4	3.9	88	2.5	4.6	2.8	5	40	2.9	5.5	4.5
					6	43	4.7	4.7	28	6.6	5.4	3.0	22	5.2	17.3	4.7	61	3.0	5.5	3.3	6	28	3.5	6.6	5.4
					7	32	5.5	5.5	21	7.7	6.3	3.5	16	6.1	20.2	5.5	45	3.5	6.5	3.9	7	21	4.0	7.7	6.3

For 2700K fixtures, use 0.93 multiplier; for 2700K 90CRI fixtures, use 0.69 multiplier.  
For 3000K 90CRI fixtures, use 0.74 multiplier; for 3500K fixtures, use 1.07 multiplier.  
For 4000K fixtures, use 1.00 multiplier.