



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

TRAC 12

CONIX® II LED SPOTLIGHT

12-VOLT AC

TL261L

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.

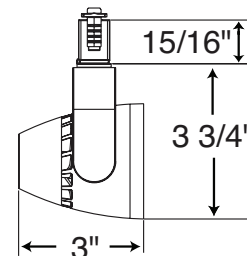
Accessory Holder Integral to fixture design • Die cast aluminum construction • Precision bayonet mounting • Accommodates one accessory if desired.

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.

Product specifications subject to change without notice.

ORDERING INFORMATION

Ordering Examples: TL261L-27HC-N-BL, TL261L-3K-S-WH

Fixture Type	Color Temperature	Color Rendering Index	Beam Spread	Finish
TL261L	27 2700K	K 80 CRI Minimum	S Spot	BL Black
Conix II LED	3 3000K	HC 90 CRI Minimum	N Narrow Flood	SL Silver
	35 3500K	(2700K & 3000K only)	F Flood	WH White
	4 4000K			

ACCESSORIES

Cat. No.	Description	Cat. No.	Description	Cat. No.	Description
T7459BL	Hexcell Louver	T7420	Diffusion Lens	TIR-2-SP	TIR Optic - Spot
T741-6	Color Filters	T7421	Uniformity Lens	TIR-2-NFL	TIR Optic - Narrow Flood
T7401-16	Dichroic Filters	T7477	Prismatic Spread Lens	TIR-2-FL	TIR Optic - Flood
T7418	Color Correction Filter ¹	T7478	Linear Spread Lens		

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

¹T7418 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

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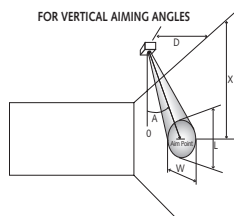
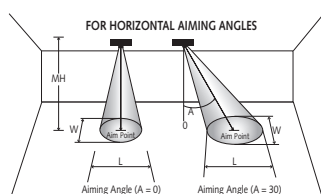
TL261L

PERFORMANCE DATA¹

Catalog Number	Input Voltage	Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
TL261L-27K-S	12V	12.6W	777	62	50,000
TL261L-27K-N	12V	12.6W	819	65	50,000
TL261L-27K-F	12V	12.6W	787	62	50,000
TL261L-27HC-S	12V	12.6W	576	46	50,000
TL261L-27HC-N	12V	12.6W	608	48	50,000
TL261L-27HC-F	12V	12.6W	584	46	50,000
TL261L-3K-S	12V	12.6W	835	66	50,000
TL261L-3K-N	12V	12.6W	881	70	50,000
TL261L-3K-F	12V	12.6W	846	67	50,000
TL261L-3HC-S	12V	12.6W	618	49	50,000
TL261L-3HC-N	12V	12.6W	652	52	50,000
TL261L-3HC-F	12V	12.6W	626	50	50,000
TL261L-35K-S	12V	12.6W	893	71	50,000
TL261L-35K-N	12V	12.6W	943	75	50,000
TL261L-35K-F	12V	12.6W	905	72	50,000
TL261L-4K-S	12V	12.6W	835	66	50,000
TL261L-4K-N	12V	12.6W	881	70	50,000
TL261L-4K-F	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°).



¹Performance 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		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		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		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 2700HC fixtures, use 0.69 multiplier.

For 3000HC fixtures, use 0.74 multiplier; for 3500K fixtures, use 1.07 multiplier.

For 4000K fixtures, use 1.00 multiplier.