



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

TRAC 12

LED MINI-CYLINDER SPOTLIGHT

12-VOLT AC

TL114G2

PRODUCT DESCRIPTION

The Trac 12 LED Mini-Cylinder Spotlight approximates the light output and distribution of 20W MR11 halogen lamps, utilizing less than 1/3 of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light TL114LED Series is compatible with standard Trac 12 and Trac 12/25 trac, operating with 12V AC power. The TL114 can be placed anywhere along the Trac, and the trac can be cut-to-length during installation, making the Trac 12 LED Mini-Cylinder Spotlight an economical and flexible accent lighting choice.

PRODUCT SPECIFICATIONS

LED High performance, low power LEDs provide outstanding reliability, performance and color quality/consistency • 2700K, 3000K, 3500K or 4000K white phosphor high performance LEDs designed to operate using 12-volt AC input • Provides 80 CRI minimum.

Optical Performance Separate versions are offered which provide uniform spot, narrow flood and flood beam patterns.

Housing Precision machined aluminum construction.

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

Electrical Contacts Beryllium copper.

Trac Compatible with Juno Trac 12 and Trac 12/25 trac (D3.1.0 or D3.1.1) and LED-compatible transformer/drivers (below).

Transformers/Drivers/Monopoints Compatible with all Juno 12VAC Remote Mount Magnetic Transformers (D3.1.3, D3.1.6 or D3.1.10) • Compatible with all 12VAC TL601E or TL602E Electronic Drivers (D3.1.8 or D3.1.9) • Compatible with Remote Powered Monopoints and TL540U Monopoint with Integral Transformer (D3.1.0).

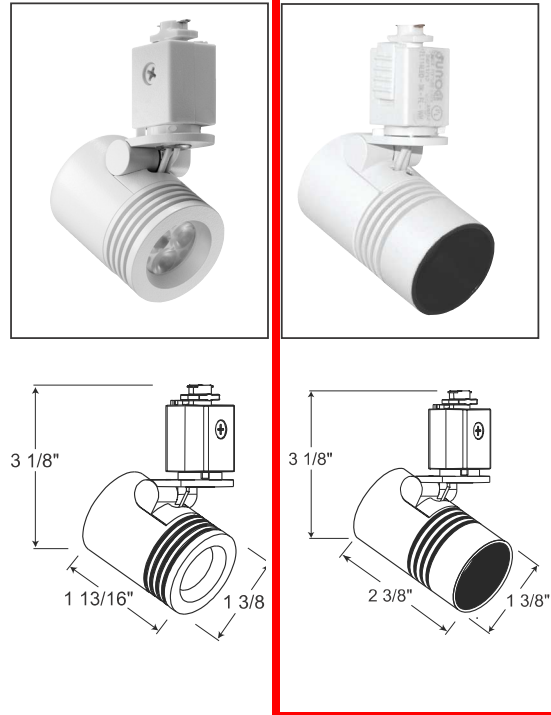
Dimming May be dimmed with dimmers tested and qualified by Juno for use with the non-resistive TL114 Series load – see transformer/driver specifications for compatible dimmers • Color temperature remains constant over dimming range • Consult factory for additional information.

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 TL114 above 12VAC will void the warranty.

Labels UL/cUL Listed.

Product specifications subject to change without notice.

DIMENSIONS



ACCESSORIES

Cat. No.	Description
TMC-SNOOT-BL	Snoot - Black
TMC-SNOOT-SL	Snoot - Silver
TMC-SNOOT-WH	Snoot - White

ORDERING INFORMATION

Fixture Type	Color Temperature	Beam Spread	Finish	Options
TL114G2 6W LED Mini-Cylinder Spotlight	2 2700K 3 3000K 35 3500K 4 4000K	S Spot N Narrow Flood F Flood	BL Black SL Silver WH White	Black No Snoot S With Snoot

Ordering Examples: TL114G2-2S-WH, TL114G2-35F-BL-S

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PERFORMANCE DATA¹

Catalog Number	Input Voltage	Watts (Maximum)	Lumens	Efficacy (LPW)	Rated Life (Hours)
TL114G2-2S	12.0V	6.6W	315	48	50,000
TL114G2-2N	12.0V	6.6W	296	45	50,000
TL114G2-2F	12.0V	6.6W	272	41	50,000
TL114G2-3S	12.0V	6.6W	328	50	50,000
TL114G2-3N	12.0V	6.6W	308	47	50,000
TL114G2-3F	12.0V	6.6W	283	43	50,000
TL114G2-35S	12.0V	6.6W	344	52	50,000
TL114G2-35N	12.0V	6.6W	323	49	50,000
TL114G2-35F	12.0V	6.6W	297	45	50,000
TL114G2-4S	12.0V	6.6W	344	52	50,000
TL114G2-4N	12.0V	6.6W	323	49	50,000
TL114G2-4F	12.0V	6.6W	297	45	50,000

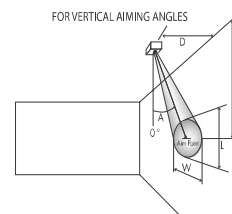
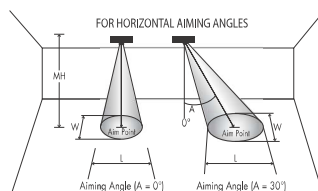
¹Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient. In practice, multiple fixtures used in a system will average slightly lower power consumption due to voltage drop within the system.

Note: For operation at 11.5 volts multiply Lumens by 0.94.

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°).



Catalog Number	Beam Type	Beam Spread	Rated Life (Hours)	CBCP	Horizontal Aiming Angles												Vertical Aiming Angles											
					0°				30°				30°				45°				60°							
Fixture	Type	Spread			MH	FC	L	W	FC	L	W		D	FC	V	L	W	FC	V	L	W	D	FC	V	L	W		
TL114G2 3000K Spot	S	21°	50000	1708	2	427	0.7	0.7	277	1.0	0.9		1	214	1.7	1.7	0.7	604	1.0	0.8	0.5	2	277	1.2	1.0	0.9		
					4	107	1.5	1.5	69	2.0	1.7		2	53	3.5	3.3	1.5	151	2.0	1.5	1.0	3	123	1.7	1.5	1.3		
					6	47	2.2	2.2	31	3.0	2.6		3	24	5.2	5.0	2.2	67	3.0	2.3	1.6	4	69	2.3	2.0	1.7		
					8	27	3.0	3.0	17	4.0	3.4		4	13	6.9	6.6	3.0	38	4.0	3.1	2.1	5	44	2.9	2.5	2.1		
					10	17	3.7	3.7	11	5.0	4.3		5	9	8.7	8.3	3.7	24	5.0	3.8	2.6	6	31	3.5	3.0	2.6		
TL114G2 3000K Narrow Flood	N	25°	50000	1070	2	270	0.9	0.9	175	1.2	1.0		1	135	1.7	1.7	0.9	281	1.0	0.9	0.6	1	700	0.6	0.6	0.6		
					4	67	1.8	1.8	44	2.4	2.1		1.5	60	2.6	3.1	1.3	169	1.5	1.4	0.9	2	175	1.2	1.2	1.0		
					6	30	2.7	2.7	19	3.6	3.1		2	34	3.5	4.2	1.8	95	2.0	1.9	1.3	3	78	1.7	1.8	1.5		
					8	17	3.6	3.6	11	4.8	4.1		2.5	22	4.3	5.2	2.2	61	2.5	2.3	1.6	4	44	2.3	2.4	2.1		
					10	11	4.5	4.5	7	6.0	5.1		3	15	5.2	6.3	2.7	42	3.0	2.8	1.9	5	28	2.9	3.0	2.6		
TL114G2 3000K Flood	F	38°	50000	519	2	130	1.4	1.4	84	1.9	1.6		0.5	260	0.9	2.2	0.7	734	0.5	0.8	0.5	1	337	0.6	1.0	0.8		
					2.5	83	1.7	1.7	54	2.4	2.0		1	65	1.7	4.3	1.4	183	1.0	1.6	1.0	2	84	1.2	1.9	1.6		
					3	58	2.1	2.1	37	2.9	2.4		1.5	29	2.6	6.5	2.1	82	1.5	2.4	1.5	3	37	1.7	2.9	2.4		
					3.5	42	2.4	2.4	28	3.4	2.8		2	16	3.5	8.7	2.8	46	2.0	3.1	2.0	4	21	2.3	3.8	3.2		
					4	32	2.8	2.8	21	3.8	3.2		2.5	10	4.3	10.8	3.5	29	2.5	3.9	2.4	5	13	2.9	4.8	4.0		

For 2700K fixtures, use 0.96 multiplier; for 3500K fixtures, use 1.05 multiplier; for 4000K fixtures, use 1.05 multiplier.