



TRAC-LITES™ 10W LED R600L SERIES

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



PRODUCT DESCRIPTION

The R600L Series 10W LED is an economical and affordable trac fixture, with a simple and timeless aesthetic. It approximates the light output and distribution of 50W MR16 halogen lamps, utilizing about 20% 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. Optional high CRI versions are available with a minimum 90 CRI. The R600L Series LED is available in spot, narrow flood and flood beam distributions which can be achieved with interchangeable precision-molded custom optics. It is compatible with Juno Trac-Lites and Trac-Master trac and system components.



PRODUCT SPECIFICATIONS

Construction Die cast aluminum heat sink provides outstanding thermal management of LED, yielding 70% average lumen maintenance at 50,000 hours of operation
 • Simple, timeless design complements any decor • Available in white, black, bronze and silver finishes.

LED 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 3-step MacAdam Ellipse
 • Exceptional 80 CRI minimum on a standard product • Optional high CRI versions offer 90 CRI minimum.

Driver Integrated into fixture housing behind LED light engine to minimize overall fixture footprint • Insulating air gap between driver and LED light engine, plus thermal potting compound, optimizes thermal operation • Provides quiet operation with or without dimming • Dimmable using high quality dimmers approved by Juno - see [R600L-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Designed for greater than 50,000 hour operating life • FCC Certified to Part 15 Class B EMI standards.

Optics Proprietary, interchangeable thermoplastic lenses available in three factory-configured beam spreads • Indicate specific beam spread desired or specify universal version which includes both narrow flood and flood optics • Accessory optics also available to enable simple beam changes in the field.

Lensholder Bayonet mount lensholder facilitates optics changes in the field.

Adapter Copper alloy contacts provide precise spring action - no arcing and will not take a set • True, positive electrical ground • On/off switch included • Patented embossed polarity arrows on bottom of adapter • Spring-loaded positive latch with embossed polarity arrows secures trac fixture to trac • "Pull-up" contact to up position for two-circuit application.

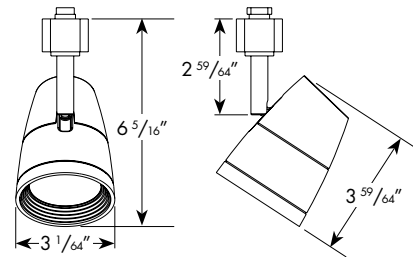
Aiming 350° horizontal coverage • 90° vertical aiming capability.

Labels UL and C-UL Listed • ENERGY STAR® Qualified • DesignLights Consortium® Qualified (except Spot beam spread fixtures) • Union made • Assembled in U.S.A.

Warranty Warranty period is 5 years from date of purchase • Standard Juno Lighting Group product guarantee terms and conditions apply.

Product specifications subject to change without notice.

DIMENSIONS



ACCESSORIES

Cat. No.	Description
TLENS-4-NFL	Lens - Narrow Flood
TLENS-4-FL	Lens - Flood
TIR-4-SP-BL	TIR Optic - Spot - Black
TIR-4-SP-WH	TIR Optic - Spot - White

ORDERING INFORMATION:

Fixture Type	Color Temperature	Color Rendering Index	Beam Spread	Finish
R600L 10W LED	27 2700K 3 3000K 35 3500K 4 4000K	K 80 CRI Minimum HC 90 CRI Minimum	S Spot N Narrow Flood F Flood U Universal Beam (includes narrow flood & flood lenses)	BL Black BZ Bronze SL Silver WH White

Ordering Examples: R600L27HCNBL, R600L3KUWH

TRAC-LITES™

10W LED

R600L SERIES

PERFORMANCE DATA¹

Catalog Number	Input Voltage	Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
R600L27KS	120V	10.1	772	78	50,000
R600L27KN	120V	10.1	648	64	50,000
R600L27KF	120V	10.1	767	76	50,000
R600L27HCS	120V	10.1	659	67	50,000
R600L27HCN	120V	10.1	554	55	50,000
R600L27HCF	120V	10.1	655	65	50,000
R600L3KS	120V	10.1	804	81	50,000
R600L3KN	120V	10.1	675	67	50,000
R600L3KF	120V	10.1	799	79	50,000
R600L3HCS	120V	10.1	684	69	50,000
R600L3HCN	120V	10.1	574	57	50,000
R600L3HCF	120V	10.1	679	67	50,000
R600L35KS	120V	10.1	828	84	50,000
R600L35KN	120V	10.1	695	69	50,000
R600L35KF	120V	10.1	823	81	50,000
R600L35HCS	120V	10.1	700	71	50,000
R600L35HCN	120V	10.1	587	58	50,000
R600L35HCF	120V	10.1	695	69	50,000
R600L4KS	120V	10.1	844	85	50,000
R600L4KN	120V	10.1	709	70	50,000
R600L4KF	120V	10.1	839	83	50,000
R600L4HCS	120V	10.1	716	72	50,000
R600L4HCN	120V	10.1	601	59	50,000
R600L4HCF	120V	10.1	711	70	50,000

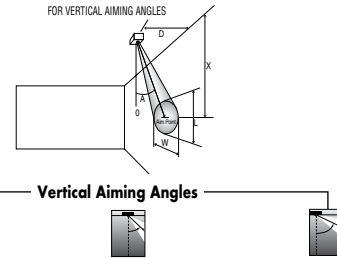
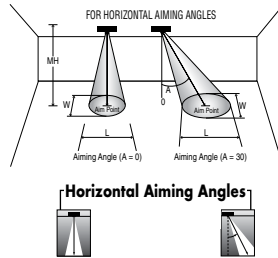
ELECTRICAL DATA

Input Voltage	120V
Input Current (max.)	0.09A
Power Factor	>0.95
T.H.D.	<20%

¹Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient.

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°).



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
R600L 10W LED, 3000K Wide Spot	S	18°	50000	4499	5	180	1.6	1.6	117	2.2	1.9	2.0	141	3.5	2.8	1.3	398	2.0	1.3	0.9	4	183	2.3	1.7	1.5
					6	125	1.9	1.9	81	2.6	2.2	2.5	90	4.3	3.5	1.6	255	2.5	1.7	1.1	5	117	2.9	2.2	1.9
					7	92	2.3	2.3	60	3.0	2.6	3.0	62	5.2	4.2	1.9	177	3.0	2.0	1.4	6	81	3.5	2.6	2.2
					8	70	2.6	2.6	46	3.5	3.0	3.5	46	6.1	4.9	2.3	130	3.5	2.3	1.6	7	60	4.0	3.0	2.6
					9	56	2.9	2.9	36	3.9	3.3	4.0	35	6.9	5.6	2.6	99	4.0	2.6	1.8	8	46	4.6	3.5	3.0
R600L 10W LED, 3000K Narrow Flood	N	23°	50000	1822	3	202	1.2	1.2	131	1.7	1.4	2.0	57	3.5	3.7	1.6	161	2.0	1.7	1.2	2	296	1.2	1.1	0.9
					4	114	1.6	1.6	74	2.2	1.9	2.5	36	4.3	4.6	2.0	103	2.5	2.1	1.4	3	131	1.7	1.7	1.4
					5	73	2.0	2.0	47	2.8	2.3	3.0	25	5.2	5.6	2.4	72	3.0	2.5	1.7	4	74	2.3	2.2	1.9
					6	51	2.4	2.4	33	3.3	2.8	3.5	19	6.1	6.5	2.8	53	3.5	3.0	2.0	5	47	2.9	2.8	2.3
					7	37	2.8	2.8	24	3.9	3.3	4.0	14	6.9	7.4	3.3	40	4.0	3.4	2.3	6	33	3.5	3.3	2.8
R600L 10W LED, 3000K Flood	F	43°	50000	1069	2	267	1.6	1.6	174	2.2	1.8	1.0	134	1.7	5.8	1.6	378	1.0	1.9	1.1	2	174	1.2	2.2	1.8
					3	119	2.4	2.4	77	3.3	2.7	1.5	59	2.6	8.7	2.4	168	1.5	2.8	1.7	3	77	1.7	3.3	2.7
					4	67	3.1	3.1	43	4.4	3.6	2.0	33	3.5	11.6	3.1	94	2.0	3.7	2.2	4	43	2.3	4.4	3.6
					5	43	3.9	3.9	28	5.5	4.5	2.5	21	4.3	14.5	3.9	60	2.5	4.6	2.8	5	28	2.9	5.5	4.5
					6	30	4.7	4.7	19	6.6	5.4	3.0	15	5.2	17.4	4.7	42	3.0	5.6	3.3	6	19	3.5	6.6	5.4

For 2700K fixtures, use 0.96 multiplier; for 2700HC fixtures, use 0.82 multiplier; for 3000HC fixtures, use 0.85 multiplier; for 3500K fixtures, use 1.03 multiplier; for 3500HC fixtures, use 0.87 multiplier; for 4000K fixtures, use 1.05 multiplier; for 4000HC fixtures, use 0.89 multiplier.



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