JUNO

TRAC-LITES™
13W LED CYLINDER
R606L SERIES

Project:

Fixture Type:

Location:

Contact/Phone:

PRODUCT DESCRIPTION

The R606L Series 13W LED is an economical and affordable track fixture, with a simple and timeless aesthetic. It approximates the light output and distribution of 50W MR16 halogen lamps, utilizing about 25% 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 R606L Series LED is available in spot, narrow flood, flood and wide flood beam distributions which can be achieved with interchangeable precision-molded custom TIR optics. It is available with an optional, bayonet-mount accessory holder that accommodates one accessory if desired. It is compatible with Juno Trac-Lites™ and Trac-Master® track 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 semi-gloss, black semi-gloss and silver metallic painted 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, factory-approved dimmers - see R606L-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 computer-designed custom TIR optics available in four factory-configured beam spreads • One TIR optic provided with fixture (as specified in catalog number) • Simply snaps into baffled bayonet mount optic holder • Accessory optics available to enable simple beam changes in the field • Beam patterns can be altered as desired using a variety of available light control accessories.

Accessory Holder Optional accessory ring attaches to baffled optic holder without tools • May be specified as a factory-installed option or ordered separately as a field-installed accessory • Precision bayonet mounting • Accommodates one accessory if desired.

Juno Universal Track Adapter Universally compatible with both Trac-Master 1-circuit or 2-circuit track, Trac-Lites track, monopoints and special mountings • Also UL Recognized for use on ConTech® LT Series track • 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 track light to track • Two-position power contact provided for two-circuit application.

Alternate GTYPE Track Adapter Compatible with track systems based on GES type track, including Lithonia LT Commercial Track (not LTS type) • System specific and assembled to track fixture • Available in black, silver, and white finish only • Consult factory for additional information.

Alternate HTYPE Track Adapter Compatible with track systems which use a H-type track adapter, including Lithonia LTS Decorative Track (not LT type) • System specific and assembled to track fixture • Two-position power contact provided for two-circuit application • Available in black, silver, and white finish only • Consult factory for additional information.

Alternate LTYPE Track Adapter Compatible with track systems which use a L-type track adapter • System specific and assembled to track fixture • Two-position power contact provided for two-circuit application • Available in black and white finish only • Consult factory for additional information.

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

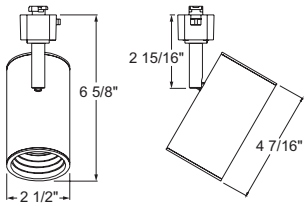
Labels UL and C-UL Listed • ENERGY STAR® certified • DLC Qualified where noted on Performance Data chart • Union made • Assembled in U.S.A • 90 CRI version certified as CEC Title 24 Compliant.

Government Procurement
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions.

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

DIMENSIONS



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ORDERING INFORMATION

Ordering Example: R606L 27K 80CRI PDIM FL BL

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution
R606L Trac-Lites™ 13W LED Cylinder	**(Blank)** Juno Universal 120V Track Adapter **GTYPE** G-Type Track Adapter **HTYPE** H-Type Track Adapter **LTYPE**[1] L-Type Track Adapter	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI	**PDIM** Phase Dimmable	**SP** Spot **NFL** Narrow Flood **FL** Flood **WFL** Wide Flood

Finish	Accessory Holder Option
BL Black **SL** Silver **WH** White	**AHR605 BLCK** Accessory Holder for R606L, Black **AHR605 WHT** Accessory Holder for R606L, White

Accessories

AHR605 BLCK 200	Accessory Holder for R606L, Black	**PRISM 200**	Prismatic Spread Lens	**TIR6 WFLD BLCK**	TIR Optic - Wide Flood, Black
AHR605 WHT 200	Accessory Holder for R606L, White	**SOLITE 200**	Uniformity Lens (Solite)	**TIR6 WFLD WHT**	TIR Optic - Wide Flood, White
HCLBL 200	Hexagonal Cell Louver - Black	**LSPREAD 200**	Linear Spread Lens		
SNOOTBL 200	Snoot - Black	**TIR6 SPT BLCK**	TIR Optic - Spot, Black		
CGF 200	Color Glass Filter	**TIR6 SPT WHT**	TIR Optic - Spot, White		
DGF 200	Dichroic Glass Filter	**TIR6 NFLD BLCK**	TIR Optic - Narrow Flood, Black		
DCCF 200	Dichroic Color Correction Filter	**TIR6 NFLD WHT**	TIR Optic - Narrow Flood, White		
DIFF 200	Diffusion Lens	**TIR6 FLD BLCK**	TIR Optic - Flood, Black		
UVF 200	UV Filter	**TIR6 FLD WHT**	TIR Optic - Flood, White		

See specification sheet D1.2.2 for details and color filter options.

Notes:
1 LTYPE adapter available in BL and WH finish only.

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PERFORMANCE DATA[1]

Catalog Number	Input Voltage	Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)	DLC Qualified
R606L 27K 80CRI PDIM SP	120V	13.5	1236	92	50,000	X
R606L 27K 80CRI PDIM NFL	120V	13.5	1182	88	50,000	X
R606L 27K 80CRI PDIM FL	120V	13.5	1254	93	50,000	X
R606L 27K 80CRI PDIM WFL	120V	13.5	1111	82	50,000	X
R606L 27K 90CRI PDIM SP	120V	13.5	1028	76	50,000	
R606L 27K 90CRI PDIM NFL	120V	13.5	983	73	50,000	
R606L 27K 90CRI PDIM FL	120V	13.5	1043	77	50,000	
R606L 27K 90CRI PDIM WFL	120V	13.5	924	68	50,000	
R606L 30K 80CRI PDIM SP	120V	13.5	1301	96	50,000	X
R606L 30K 80CRI PDIM NFL	120V	13.5	1244	92	50,000	X
R606L 30K 80CRI PDIM FL	120V	13.5	1320	98	50,000	X
R606L 30K 80CRI PDIM WFL	120V	13.5	1170	87	50,000	X
R606L 30K 90CRI PDIM SP	120V	13.5	1106	82	50,000	X
R606L 30K 90CRI PDIM NFL	120V	13.5	1058	78	50,000	X
R606L 30K 90CRI PDIM FL	120V	13.5	1122	83	50,000	X
R606L 30K 90CRI PDIM WFL	120V	13.5	994	74	50,000	
R606L 35K 80CRI PDIM SP	120V	13.5	1340	99	50,000	X
R606L 35K 80CRI PDIM NFL	120V	13.5	1282	95	50,000	X
R606L 35K 80CRI PDIM FL	120V	13.5	1360	101	50,000	X
R606L 35K 80CRI PDIM WFL	120V	13.5	1205	89	50,000	X
R606L 35K 90CRI PDIM SP	120V	13.5	1119	83	50,000	X
R606L 35K 90CRI PDIM NFL	120V	13.5	1070	79	50,000	X
R606L 35K 90CRI PDIM FL	120V	13.5	1135	84	50,000	X
R606L 35K 90CRI PDIM WFL	120V	13.5	1006	75	50,000	
R606L 40K 80CRI PDIM SP	120V	13.5	1366	101	50,000	X
R606L 40K 80CRI PDIM NFL	120V	13.5	1307	97	50,000	X
R606L 40K 80CRI PDIM FL	120V	13.5	1386	103	50,000	X
R606L 40K 80CRI PDIM WFL	120V	13.5	1228	91	50,000	X
R606L 40K 90CRI PDIM SP	120V	13.5	1171	87	50,000	X
R606L 40K 90CRI PDIM NFL	120V	13.5	1120	83	50,000	X
R606L 40K 90CRI PDIM FL	120V	13.5	1188	88	50,000	X
R606L 40K 90CRI PDIM WFL	120V	13.5	1053	78	50,000	X

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

ELECTRICAL DATA

Input Voltage	120V
Input Current (max.)	0.12A
Power Factor	>0.95
T.H.D.	<20%

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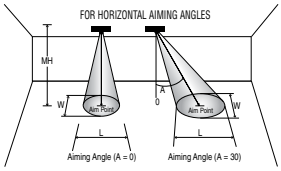
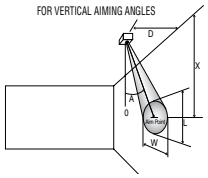
CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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˚).





Horizontal Aiming Angles

Vertical Aiming Angles

Fixture	Beam Type	Beam Spread	Rated Life	CBCP	0° MH	0° FC	0° L	0° W	30° FC	30° L	30° W	30° D	30° FC	30° X	30° L	30° W	45° FC	45° X	45° L	45° W	60° D	60° FC	60° X	60° L	60° W
R606L 13W LED, 3000K, 80CRI Spot	SP	14°	50000	15742	6	437	1.5	1.5	284	2.0	1.7	4	123	6.9	4.1	2.0	348	4.0	2.0	1.4	6	284	3.5	2.0	1.7
					8	246	2.0	2.0	160	2.6	2.3	6	55	10.4	6.1	2.9	155	6.0	3.0	2.1	8	160	4.6	2.6	2.3
					10	157	2.4	2.4	102	3.3	2.8	8	31	13.9	8.2	3.9	87	8.0	4.0	2.8	10	102	5.8	3.3	2.8
					12	109	2.9	2.9	71	3.9	3.4	10	20	17.3	10.2	4.9	56	10.0	4.9	3.4	12	71	6.9	3.9	3.4
					14	80	3.4	3.4	52	4.6	3.9	12	14	20.8	12.2	5.9	39	12.0	5.9	4.1	14	52	8.1	4.6	3.9
R606L 13W LED, 3000K, 80CRI Narrow Flood	NFL	24°	50000	6033	4	377	1.7	1.7	245	2.3	1.9	2	189	3.5	3.8	1.7	533	2.0	1.7	1.2	4	245	2.3	2.3	1.9
					6	168	2.5	2.5	109	3.4	2.9	4	47	6.9	7.7	3.3	133	4.0	3.5	2.4	6	109	3.5	3.4	2.9
					8	94	3.3	3.3	61	4.5	3.9	6	21	10.4	11.5	5.0	59	6.0	5.2	3.5	8	61	4.6	4.5	3.9
					10	60	4.2	4.2	39	5.7	4.8	8	12	13.9	15.4	6.7	33	8.0	7.0	4.7	10	39	5.8	5.7	4.8
					12	42	5.0	5.0	27	6.8	5.8	10	8	17.3	19.2	8.4	21	10.0	8.7	5.9	12	27	6.9	6.8	5.8
R606L 13W LED, 3000K, 80CRI Flood	FL	34°	50000	3543	4	221	2.4	2.4	144	3.3	2.8	2	111	3.5	6.6	2.4	313	2.0	2.7	1.7	3	256	1.7	2.5	2.1
					5	142	3.0	3.0	92	4.2	3.5	3	49	5.2	10.0	3.6	139	3.0	4.0	2.6	4	144	2.3	3.3	2.8
					6	98	3.6	3.6	64	5.0	4.2	4	28	6.9	13.3	4.8	78	4.0	5.3	3.4	5	92	2.9	4.2	3.5
					7	72	4.2	4.2	47	5.8	4.9	5	18	8.7	16.6	6.0	50	5.0	6.6	4.3	6	64	3.5	5.0	4.2
					8	55	4.8	4.8	36	6.6	5.6	6	12	10.4	19.9	7.2	35	6.0	8.0	5.1	7	47	4.0	5.8	4.9
R606L 13W LED, 3000K, 80CRI Wide Flood	WFL	42°	50000	1897	2	474	1.5	1.5	308	2.1	1.7	1.0	237	1.7	5.3	1.5	671	1.0	1.8	1.1	2	308	1.2	2.1	1.7
					3	211	2.3	2.3	137	3.2	2.6	1.5	105	2.6	8.0	2.3	298	1.5	2.7	1.6	3	137	1.7	3.2	2.6
					4	119	3.0	3.0	77	4.2	3.5	2.0	59	3.5	10.6	3.0	168	2.0	3.5	2.1	4	77	2.3	4.2	3.5
					5	76	3.8	3.8	49	5.3	4.4	2.5	38	4.3	13.3	3.8	107	2.5	4.4	2.7	5	49	2.9	5.3	4.4
					6	53	4.5	4.5	34	6.4	5.2	3.0	26	5.2	16.0	4.5	75	3.0	5.3	3.2	6	34	3.5	6.4	5.2

For 27K 80CRI fixtures, use 0.95 multiplier; for 27K 90CRI fixtures, use 0.79 multiplier; for 30K 90CRI fixtures, use 0.85 multiplier; for 35K 80CRI fixtures, use 1.03 multiplier; for 35K 90CRI fixtures, use 0.86 multiplier; for 40K 80CRI fixtures, use 1.05 multiplier; for 40K 90CRI fixtures, use 0.90 multiplier.