

Juno[®]**TRAC-MASTER**[®]

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

Avant Garde
35W LED**T209LED****PRODUCT DESCRIPTION**

The sleek sculpted aesthetic of the Conix LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. Conix LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have integral snap-in accessory holders that can accommodate one accessory in place of the clear glass lens provided. The Conix 35W LED delivers up to 1782 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light Conix LED is compatible with all Juno line voltage trac and monopoints.

**PRODUCT SPECIFICATIONS**

Construction All-metal housing and custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation • Passively-cooled design – no moving parts to break or wear-out • Extruded aluminum vertically mounted LED driver housing • Fashionable, elegant design complements any decor • Available in white, black and silver painted finishes.

LED Citizen LED array provides outstanding reliability, performance and color quality/consistency • 3-step MacAdam ellipse color binning • 2700K, 3000K, 3500K or 4000K white phosphor high performance LEDs • High CRI of 83 typical.

Driver Assembled in a side-mount vertical housing to minimize overall fixture footprint • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Class B FCC Part 15 rated.

Dimming Non-dimming and dimming fixture versions available - see Ordering Information section to configure desired catalog number • Dimming fixture versions may be dimmed with a wide variety of reverse phase electronic low voltage (ELV) dimmers approved by Juno - contact factory for a list of approved dimmers or to confirm compatibility with desired dimmer.

Reflector Precision designed custom reflector provides either spot, narrow flood or flood beam distributions • Faceted/dimpled reflector ensures a properly color-mixed beam • Accessory reflectors available to convert from one beam distribution to another in the field.

Accessory Holder Integral to fixture design • Snap-in mounting • Accommodates one accessory in place of the clear glass lens provided.

Aiming 360° horizontal coverage • Greater than 90° vertical aiming capability.

Labels UL and C-UL Listed • ENERGY STAR[®] Qualified • DesignLights[™] Consortium Qualified.

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.

ORDERING INFORMATION

Fixture Type	Color Temperature	Dimming Compatibility	Beam Spread	Finish
T209LED 35W Conix LED	27 2700K 3 3000K 35 3500K 4 4000K	D Dimmable K Not Dimmable	SP 8° Spot NFL 23° Narrow Flood FL 44° Flood	BL Black SL Silver WH White

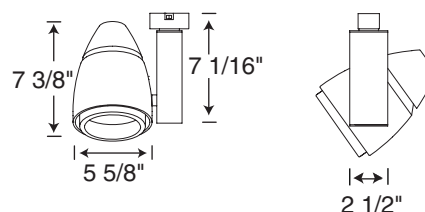
Ordering Examples: T209LED-27K-SP-WH, T209LED-3D-NFL-SL

ACCESSORIES

Cat. No.	Description	Cat. No.	Description
T579BL	Cube Cell Louver	TR1-CL-SP	Reflector-Spot
T5718	Color Correction Filter ¹	TR1-CL-NFL	Reflector-Narrow Flood
T43	Monopoint	TR1-CL-FL	Reflector-Flood

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

¹T5718 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.



TRAC-MASTER®

Avant Garde
35W LED

T209LED

PERFORMANCE DATA¹

Catalog Number	Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T209LED-27x-SP	120V	35W	1535	44	50,000
T209LED-27x-NFL	120V	35W	1522	43	50,000
T209LED-27x-FL	120V	35W	1501	43	50,000
T209LED-3x-SP	120V	35W	1650	47	50,000
T209LED-3x-NFL	120V	35W	1637	47	50,000
T209LED-3x-FL	120V	35W	1614	46	50,000
T209LED-35x-SP	120V	35W	1733	50	50,000
T209LED-35x-NFL	120V	35W	1719	49	50,000
T209LED-35x-FL	120V	35W	1695	48	50,000
T209LED-4x-SP	120V	35W	1782	51	50,000
T209LED-4x-NFL	120V	35W	1768	51	50,000
T209LED-4x-FL	120V	35W	1743	50	50,000

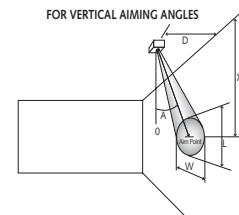
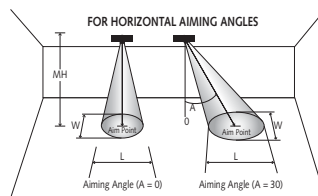
ELECTRICAL DATA

Input Voltage	120V
Input Current (max.)	0.33A
Power Factor	>0.92
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°).



Lamp	Beam Type	Beam Spread°	Rated Life	CBCP	0°			30°			45°			60°											
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	D	FC	X	L	W				
Conix 35W LED, 3000K Spot	SP	8°	50000	27918	12	194	1.7	1.7	126	2.2	1.9	6	97	10.4	3.4	1.7	274	6.0	1.7	1.2	12	126	6.9	2.2	1.9
					14	142	2.0	2.0	93	2.6	2.3	8	55	13.9	4.5	2.2	154	8.0	2.2	1.6	14	93	8.1	2.6	2.3
					16	109	2.2	2.2	71	3.0	2.6	10	35	17.3	5.7	2.8	99	10.0	2.8	2.0	16	71	9.2	3.0	2.6
					18	86	2.5	2.5	56	3.4	2.9	12	24	20.8	6.8	3.4	69	12.0	3.4	2.4	18	56	10.4	3.4	2.9
					20	70	2.8	2.8	45	3.7	3.2	14	18	24.2	7.9	3.9	50	14.0	3.9	2.8	20	45	11.5	3.7	3.2
Conix 35W LED, 3000K Narrow Flood	NFL	23°	50000	8386	8	131	3.3	3.3	85	4.4	3.8	4	66	6.9	7.4	3.3	185	4.0	3.4	2.3	6	151	3.5	3.3	2.8
					10	84	4.1	4.1	54	5.5	4.7	5	42	8.7	9.3	4.1	119	5.0	4.2	2.9	8	85	4.6	4.4	3.8
					12	58	4.9	4.9	38	6.6	5.6	6	29	10.4	11.2	4.9	82	6.0	5.1	3.5	10	54	5.8	5.5	4.7
					14	43	5.7	5.7	28	7.7	6.6	7	21	12.1	13.0	5.7	61	7.0	5.9	4.0	12	38	6.9	6.6	5.6
					16	33	6.5	6.5	21	8.8	7.5	8	16	13.9	14.9	6.5	46	8.0	6.8	4.6	14	28	8.1	7.7	6.6
Conix 35W LED, 3000K Flood	FL	44°	50000	3205	5	128	4.0	4.0	83	5.7	4.7	2	100	3.5	12.6	3.2	283	2.0	3.8	2.3	5	83	2.9	5.7	4.7
					6	89	4.8	4.8	58	6.8	5.6	3	45	5.2	18.9	4.8	126	3.0	5.8	3.4	6	58	3.5	6.8	5.6
					7	65	5.6	5.6	42	8.0	6.5	4	25	6.9	**	6.4	71	4.0	7.7	4.6	7	42	4.0	8.0	6.5
					8	50	6.4	6.4	33	9.1	7.4	5	16	8.7	**	8.1	45	5.0	9.6	5.7	8	33	4.6	9.1	7.4
					9	40	7.3	7.3	26	10.2	8.4	6	11	10.4	**	9.7	31	6.0	11.5	6.8	9	26	5.2	10.2	8.4

For 2700K fixtures, use 0.93 multiplier; for 3500K fixtures, use 1.05 multiplier; for 4000K fixtures, use 1.08 multiplier.

**Due to steep aiming angle, length of beam extends beyond 25'.



1300 S. Wolf Road • Des Plaines, IL 60018 • Phone (847) 827-9880 • Fax (847) 827-2925
220 Chrysler Drive • Brampton, Ontario • Canada L6S 6B6 • Phone (905) 792-7335 • Fax (905) 792-0064
Visit us at www.junolightinggroup.com

Printed in U.S.A. ©2012 Juno Lighting, LLC.