



# TRAC-MASTER™

Avant Garde

**19W LED**

**T209L G2**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_



## 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 19W LED delivers up to 1955 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; and 80 or 90 CRI, 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 • 80 CRI minimum on standard product • Optional high CRI versions offer 90 CRI minimum.

**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** Dimmable using high quality phase dimmers approved by Juno - see [D1.3.47.DIM](#).

**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.

**Juno Universal Trac Adapter** Compatible with Juno Trac-Master 1 or 2-circuit systems or Juno Trac-Lites system • 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 light to trac • Two-position power contact provided for two-circuit application.

**Alternate TEK/HTEK Trac Adapter** Compatible with either Juno TEK or HTEK trac systems • System specific and assembled to trac fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing.

**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/cUL Listed • ENERGY STAR® certified (except 27K, 80CRI versions) • DesignLights Consortium® Qualified.

**Warranty** 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

Specifications subject to change without notice.

## ORDERING INFORMATION

Ordering Example: T209L G2 27K 90CRI PDIM SP WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T209L 19W Conix LED	(Blank)	Universal Trac Adapter	27K 2700K	80CRI 80 CRI	PDIM Phase Dimmable	SP Spot	BL Black
	HTEK	HTEK 277V Trac Adapter	30K 3000K	90CRI 90 CRI		NFL Narrow Flood	SL Silver
	TEK	TEK 120V Trac Adapter	35K 3500K			FL Flood	WH White
			40K 4000K				

Accessories							
HCLBL 469	Hexcell Louver - Black	EYEBROWBL 469	Eyebrow - Black	UVF 469	UV Filter	TR8 SPT	Reflector – Spot
CCLBL 469	Cube Cell Louver - Black	TBDR BLCK 469	Barn Doors - Black	DIFF 469	Diffusion Lens	TR8 NFLD	Reflector – Narrow Flood
XBAFLBL 469	Cross Baffle - Black	DGF 469	Dichroic Glass Filter	T40N <sup>2</sup>	Monopoint Canopy	TR8 FLD	Reflector – Flood
SNOOTBL 469	Snoot - Black	DCCF 469 <sup>1</sup>	Dichroic Color Correction Filter				

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

Other accessories can be found on specification sheet [D1.2.0](#).

Notes:

- DCCF 469 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- Add finish code to complete catalog number (Example: T40N WH).





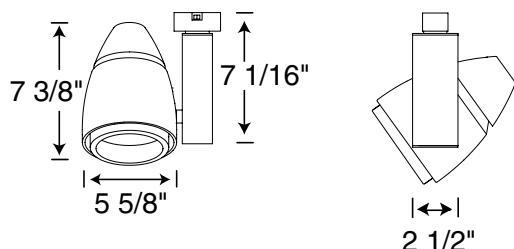
# TRAC-MASTER™

Avant Garde

**19W LED**

**T209L G2**

## DIMENSIONS



## PERFORMANCE DATA<sup>1</sup>

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T209L G2 27K 80CRI SP	120V	19	1701	90	50,000
T209L G2 27K 80CRI NFL	120V	19	1767	93	50,000
T209L G2 27K 80CRI FL	120V	19	1681	88	50,000
T209L G2 27K 90CRI SP	120V	19	1358	71	50,000
T209L G2 27K 90CRI NFL	120V	19	1410	74	50,000
T209L G2 27K 90CRI FL	120V	19	1341	71	50,000
T209L G2 30K 80CRI SP	120V	19	1810	95	50,000
T209L G2 30K 80CRI NFL	120V	19	1880	99	50,000
T209L G2 30K 80CRI FL	120V	19	1788	94	50,000
T209L G2 30K 90CRI SP	120V	19	1430	75	50,000
T209L G2 30K 90CRI NFL	120V	19	1485	78	50,000
T209L G2 30K 90CRI FL	120V	19	1413	74	50,000
T209L G2 35K 80CRI SP	120V	19	1864	98	50,000
T209L G2 35K 80CRI NFL	120V	19	1936	102	50,000
T209L G2 35K 80CRI FL	120V	19	1842	97	50,000
T209L G2 35K 90CRI SP	120V	19	1520	80	50,000
T209L G2 35K 90CRI NFL	120V	19	1579	83	50,000
T209L G2 35K 90CRI FL	120V	19	1502	79	50,000
T209L G2 40K 80CRI SP	120V	19	1882	99	50,000
T209L G2 40K 80CRI NFL	120V	19	1955	103	50,000
T209L G2 40K 80CRI FL	120V	19	1860	98	50,000
T209L G2 40K 90CRI SP	120V	19	1575	83	50,000
T209L G2 40K 90CRI NFL	120V	19	1636	86	50,000
T209L G2 40K 90CRI FL	120V	19	1556	82	50,000

Notes:

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

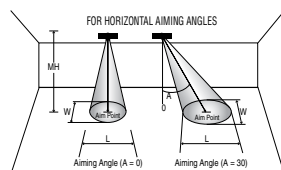
## ELECTRICAL DATA

Input Voltage	120V
Input Current (max.)	0.18A
Power Factor	>0.92
T.H.D.	<20%

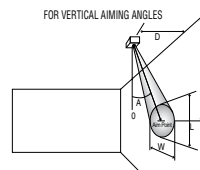
**PHOTOMETRICS**

**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°		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 19W LED, 30K, 80CRI Spot	SP	10°	50000	33373	12	232	1.9	1.9	151	2.5	2.2	6	116	10.4	3.8	1.9	328	6.0	1.9	1.3	12	151	6.9	2.5	2.2
					14	170	2.2	2.2	111	2.9	2.5	8	65	13.9	5.1	2.5	184	8.0	2.5	1.8	14	111	8.1	2.9	2.5
					16	130	2.5	2.5	85	3.4	2.9	10	42	17.3	6.4	3.1	118	10.0	3.2	2.2	16	85	9.2	3.4	2.9
					18	103	2.8	2.8	67	3.8	3.3	12	29	20.8	7.7	3.8	82	12.0	3.8	2.7	18	67	10.4	3.8	3.3
					20	83	3.1	3.1	54	4.2	3.6	14	21	24.2	9.0	4.4	60	14.0	4.4	3.1	20	54	11.5	4.2	3.6
Conix 19W LED, 30K, 80CRI Narrow Flood	NFL	23°	50000	7742	8	121	3.0	3.0	79	4.0	3.4	4	60	6.9	6.6	3.0	171	4.0	3.1	2.0	6	140	3.5	3.0	2.6
					10	77	3.7	3.7	50	5.0	4.3	5	39	8.7	8.2	3.7	109	5.0	3.8	2.6	8	79	4.6	4.0	3.4
					12	54	4.4	4.4	35	6.0	5.1	6	27	10.4	9.9	4.4	76	6.0	4.6	3.1	10	50	5.8	5.0	4.3
					14	40	5.2	5.2	26	7.0	6.0	7	20	12.1	11.5	5.2	56	7.0	5.3	3.7	12	35	6.9	6.0	5.1
					16	30	5.9	5.9	20	8.0	6.8	8	15	13.9	13.1	5.9	43	8.0	6.1	4.2	14	26	8.1	7.0	6.0
Conix 19W LED, 30K, 80CRI Flood	FL	41°	50000	3791	5	152	3.7	3.7	98	5.2	4.3	2	118	3.5	10.0	3.0	335	2.0	3.4	2.1	5	98	2.9	5.2	4.3
					6	105	4.4	4.4	68	6.2	5.1	3	53	5.2	15.1	4.4	149	3.0	5.1	3.1	6	68	3.5	6.2	5.1
					7	77	5.2	5.2	50	7.2	6.0	4	30	6.9	20.1	5.9	84	4.0	6.9	4.2	7	50	4.0	7.2	6.0
					8	59	5.9	5.9	38	8.3	6.8	5	19	8.7	**	7.4	54	5.0	8.6	5.2	8	38	4.6	8.3	6.8
					9	47	6.7	6.7	30	9.3	7.7	6	13	10.4	**	8.9	37	6.0	10.3	6.3	9	30	5.2	9.3	7.7

For 27K 80CRI fixtures, use 0.94 multiplier; For 27K 90CRI fixtures, use 0.75 multiplier.  
 For 30K 90CRI fixtures, use 0.79 multiplier.  
 For 35K 80CRI fixtures, use 1.03 multiplier; For 35K 90CRI fixtures, use 0.84 multiplier.  
 For 40K 80CRI fixtures, use 1.04 multiplier; For 40K 90CRI fixtures, use 0.87 multiplier.  
 \*\*Due to steep aiming angle, length of beam extends beyond 25'.