



# TRAC-MASTER®

## Avant Garde

### 52W CONIX® II LED

### T267L

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

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

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

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



## PRODUCT DESCRIPTION

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 52W Conix II LED fixtures have integral reflectors which enable uniform spot, narrow flood, flood or wide flood distributions to be achieved. These lampholders have an integral, bayonet mount accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 52W Conix II LED can deliver up to 4907 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 52W Conix II LED is compatible with all Juno line voltage trac and wide adapter accessories.



## 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 • Concealed fixture wiring for a clean aesthetic • Fashionable, elegant design complements any decor • Available in white, black and silver 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 • 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 • Insulating air gap between driver and LED light engine optimizes thermal operation • Provides quiet operation with or without dimming • 120V versions only are standard dimming-compatible using high quality reverse phase ELV dimmers approved by Juno - see [T267LG2-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Class B FCC Part 15 rated.

**Reflector** Precision designed custom reflector provides either spot, narrow flood, flood or wide 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 • Die cast aluminum construction • Precision bayonet mounting • Accommodates up to two accessories if desired.

**Juno Universal Trac Adapter** Universally compatible with both Trac-Master 1-circuit or 2-circuit trac, Trac-Lites trac, monopoints and special mountings • Also UL Recognized for use on ConTech® LT Series track • Oversized trac adapter for greater mounting stability • 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.

**Alternate GTYPE Trac Adapter** Compatible with track systems based on GES type track, including Lithonia LT Commercial Track (not LTS type) • System specific and assembled to trac fixture • Consult factory for additional information.

**Alternate HTYPE Trac 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 trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Alternate LTYPE Trac Adapter** Compatible with track systems which use a L-type track adapter • System specific and assembled to trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

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

**Labels** UL and C-UL Listed • ENERGY STAR® certified • Union made • Assembled in U.S.A. • DesignLights Consortium® qualified where noted in Performance Data.

### 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](http://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](http://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.

ConTech is a registered trademark of ConTech Lighting.



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**52W CONIX® II LED****T267L****ORDERING INFORMATION**

Ordering Example: T267L G2 30K 80CRI PDIM SP WH, T267L TEK G2 30K 80CRI PDIM SP BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T267L</b> 52W Conix II LED	<b>(Blank)</b> Universal 120V Trac Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood <b>WFL</b> Wide Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> <sup>2</sup> White
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter		<b>30K</b> 3000K				
	<b>TEK</b> TEK 120V Trac Adapter		<b>35K</b> 3500K				
	<b>GTYPE</b> G-Type Trac Adapter		<b>40K</b> 4000K				
	<b>HTYPE</b> <sup>2</sup> H-Type Trac Adapter						
	<b>LTYPE</b> L-Type Trac Adapter						

Accessories							
<b>HCLBL 469</b>	Hexcell Louver - Black	<b>DGF 469</b>	Dichroic Glass Filter	<b>TR1 SPT</b>	Reflector – Spot		
<b>CCLBL 469</b>	Cube Cell Louver - Black	<b>UVF 469</b>	UV Filter	<b>TR1 NFLD</b>	Reflector – Narrow Flood		
<b>XBAFLBL 469</b>	Cross Baffle - Black	<b>DIFF 469</b>	Diffusion Lens	<b>TR9 FLD</b>	Reflector – Flood		
<b>SNOOTBL 469</b>	Snoot - Black	<b>SOLITE 469</b>	Uniformity Lens	<b>TR9 WFLD</b>	Reflector – Wide Flood		
<b>EYEBROWBL 469</b>	Eyebrow - Black	<b>PRISM 469</b>	Prismatic Spread Lens				
<b>TBDR BLCK 469</b>	Barn Doors - Black	<b>LSPREAD 469</b>	Linear Spread Lens				
<b>CGF 469</b>	Color Glass Filter	<b>T40N</b> <sup>3</sup>	Monopoint Canopy				

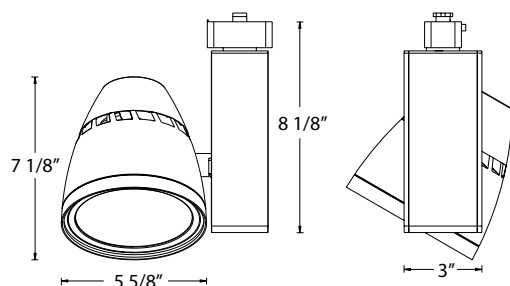
See specification sheet [D1.2.2](#) for details.Other accessories can be found on specification sheet [D1.2.0](#).

## Notes:

- 1 HTEK versions available with OFF option only, and OFF option available with HTEK version only. HTEK mounting not DesignLights Consortium® qualified.
- 2 HTYPE not available with WH finish.
- 3 Add finish code to complete catalog number (Example: T40N WH).

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**52W CONIX® II LED****T267L****DIMENSIONS****PERFORMANCE DATA<sup>1,2</sup>**

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)	DLC Listed
T267L G2 27K 80CRI SP	120V	51.9	4266	82	50,000	x
T267L G2 27K 80CRI NFL	120V	51.9	4478	86	50,000	x
T267L G2 27K 80CRI FL	120V	51.9	4606	89	50,000	x
T267L G2 27K 80CRI WFL	120V	51.9	4482	86	50,000	x
T267L G2 27K 90CRI SP	120V	51.9	3502	67	50,000	
T267L G2 27K 90CRI NFL	120V	51.9	3677	71	50,000	
T267L G2 27K 90CRI FL	120V	51.9	3781	73	50,000	
T267L G2 27K 90CRI WFL	120V	51.9	3680	71	50,000	
T267L G2 30K 80CRI SP	120V	51.9	4490	87	50,000	x
T267L G2 30K 80CRI NFL	120V	51.9	4714	91	50,000	x
T267L G2 30K 80CRI FL	120V	51.9	4848	93	50,000	x
T267L G2 30K 80CRI WFL	120V	51.9	4718	91	50,000	x
T267L G2 30K 90CRI SP	120V	51.9	3727	72	50,000	
T267L G2 30K 90CRI NFL	120V	51.9	3913	75	50,000	
T267L G2 30K 90CRI FL	120V	51.9	4024	78	50,000	
T267L G2 30K 90CRI WFL	120V	51.9	3916	75	50,000	
T267L G2 35K 80CRI SP	120V	51.9	4580	88	50,000	x
T267L G2 35K 80CRI NFL	120V	51.9	4808	93	50,000	x
T267L G2 35K 80CRI FL	120V	51.9	4945	95	50,000	x
T267L G2 35K 80CRI WFL	120V	51.9	4812	93	50,000	x
T267L G2 35K 90CRI SP	120V	51.9	3772	73	50,000	
T267L G2 35K 90CRI NFL	120V	51.9	3960	76	50,000	
T267L G2 35K 90CRI FL	120V	51.9	4072	78	50,000	
T267L G2 35K 90CRI WFL	120V	51.9	3963	76	50,000	
T267L G2 40K 80CRI SP	120V	51.9	4670	90	50,000	x
T267L G2 40K 80CRI NFL	120V	51.9	4903	94	50,000	x
T267L G2 40K 80CRI FL	120V	51.9	5042	97	50,000	x
T267L G2 40K 80CRI WFL	120V	51.9	4907	95	50,000	x
T267L G2 40K 90CRI SP	120V	51.9	3861	74	50,000	
T267L G2 40K 90CRI NFL	120V	51.9	4054	78	50,000	
T267L G2 40K 90CRI FL	120V	51.9	4169	80	50,000	
T267L G2 40K 90CRI WFL	120V	51.9	4057	78	50,000	

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

<sup>2</sup>HTEK mounting not DLC qualified.

**ELECTRICAL DATA**

Input Voltage	120V
Input Current (max.)	0.48A
Power Factor	>0.90
T.H.D	<20%

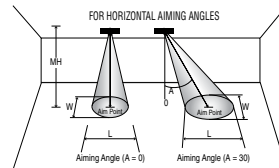
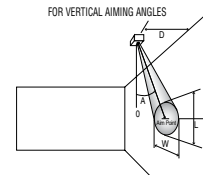
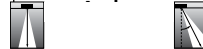
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
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**CBCP** • Centerbeam candlepower  
**FC** • Footcandles at beam center (aim point)

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****Vertical Aiming Angles**

Lamp	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 II 52W LED 30K, 80CRI Spot	S	10° 	50000	71106	16	278	2.8	2.8	180	3.8	3.3	6	247	10.4	4.3	2.1	698	6.0	2.1	1.5	12	321	6.9	2.8	2.4
					18	219	3.2	3.2	143	4.3	3.7	8	139	13.9	5.8	2.8	393	8.0	2.9	2.0	14	236	8.1	3.3	2.9
					20	178	3.5	3.5	115	4.7	4.1	10	89	17.3	7.2	3.5	251	10.0	3.6	2.5	16	180	9.2	3.8	3.3
					22	147	3.9	3.9	95	5.2	4.5	12	62	20.8	8.7	4.2	175	12.0	4.3	3.0	18	143	10.4	4.3	3.7
					24	123	4.2	4.2	80	5.7	4.9	14	45	24.2	10.1	4.9	128	14.0	5.0	3.5	20	115	11.5	4.7	4.1
Conix II 52W LED 30K, 80CRI Narrow Flood	N	23° 	50000	23410	8	366	3.2	3.2	238	4.3	3.7	5	117	8.7	9.1	4.0	331	5.0	4.2	2.8	8	238	4.6	4.3	3.7
					10	234	4.0	4.0	152	5.4	4.6	6	81	10.4	10.9	4.8	230	6.0	5.0	3.4	10	152	5.8	5.4	4.6
					12	163	4.8	4.8	106	6.5	5.5	7	60	12.1	12.7	5.6	169	7.0	5.8	4.0	12	106	6.9	6.5	5.5
					14	119	5.6	5.6	78	7.6	6.5	8	46	13.9	14.5	6.4	129	8.0	6.7	4.5	14	78	8.1	7.6	6.5
					16	91	6.4	6.4	59	8.6	7.4	9	36	15.6	16.3	7.2	102	9.0	7.5	5.1	16	59	9.2	8.6	7.4
Conix II 52W LED 30K, 80CRI Flood	F	38° 	50000	11448	6	318	4.2	4.2	207	5.8	4.8	3	159	5.2	13.1	4.2	450	3.0	4.8	3.0	6	207	3.5	5.8	4.8
					7	234	4.9	4.9	152	6.8	5.6	4	89	6.9	17.5	5.6	253	4.0	6.3	3.9	7	152	4.0	6.8	5.6
					8	179	5.6	5.6	116	7.7	6.4	5	57	8.7	21.9	7.0	162	5.0	7.9	4.9	8	116	4.6	7.7	6.4
					9	141	6.3	6.3	92	8.7	7.2	6	40	10.4	**	8.4	112	6.0	9.5	5.9	9	92	5.2	8.7	7.2
					10	114	7.0	7.0	74	9.7	8.0	7	29	12.1	**	9.8	83	7.0	11.1	6.9	10	74	5.8	9.7	8.0
Conix II 52W LED 30K, 80CRI Wide Flood	W	60° 	50000	5083	5	203	5.8	5.8	132	8.7	6.7	3	159	3.5	**	4.6	449	2.0	7.0	3.3	4	206	2.3	7.0	5.4
					6	141	7.0	7.0	92	10.5	8.0	4	71	5.2	**	7.0	200	3.0	10.5	4.9	5	132	2.9	8.7	6.7
					7	104	8.1	8.1	67	12.2	9.4	5	40	6.9	**	9.3	112	4.0	14.0	6.6	6	92	3.5	10.5	8.0
					8	79	9.3	9.3	52	14.0	10.7	6	25	8.7	**	11.6	72	5.0	17.5	8.2	7	67	4.0	12.2	9.4
					9	63	10.5	10.5	41	15.7	12.1	7	18	10.4	**	13.9	50	6.0	21.0	9.9	8	52	4.6	14.0	10.7

For 27K 80CRI fixtures, use 0.95 multiplier; for 27K 90CRI fixtures, use 0.78 multiplier; for 30K 90CRI fixtures, use 0.83 multiplier; for 35K 80CRI fixtures, use 1.02 multiplier; for 35K 90CRI fixtures, use 0.84 multiplier; for 40K 80CRI fixtures, use 1.04 multiplier; for 40K 90CRI fixtures, use 0.86 multiplier.

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