

JUNO**TRAC-MASTER**

Avant Garde

13W VERTICAL CYLINDER LED

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

**T381L****PRODUCT DESCRIPTION**

The classic, simple appearance of the Vertical Cylinder LED fixtures offers a fresh take on a traditional aesthetic. The subtle elegance is carried through the entire design producing an understated charm. The 13W Vertical Cylinder LED fixtures have integral TIR optics which enable uniform spot, narrow flood, flood or wide flood distributions to be achieved. These fixtures have an integral, bayonet-mounted accessory holder that accommodates one accessory if desired. The 13W Vertical Cylinder LED can deliver up to 1187 lumens, at efficacies up to 89LPW and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 13W Vertical Cylinder LED is compatible with all Juno line voltage trac and standard 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, with an R9 value greater than 50 • Optional SpectralWhite versions are also available which make whites appear naturally brilliant and render colors more richly.

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 fixtures are dimmable using high quality, factory approved reverse phase ELV dimmers - see [T381L-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Class B FCC Part 15 rated.

Optics Interchangeable computer-designed custom TIR optics available in four factory-configured beam spreads • One TIR optic provided with fixture (as specified in catalog number) • Accessory optics available to enable beam changes in the field • Beam patterns can be altered as desired using a variety of available light control accessories.

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 • 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 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.

Accessory Holder Integral to fixture design • Die cast aluminum construction • Precision bayonet mounting • Accommodates one accessory if desired.

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

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

Government Procurement

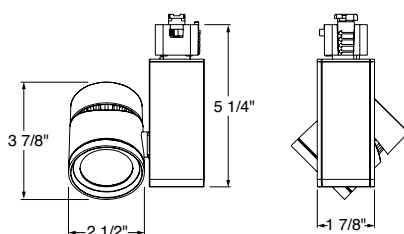
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

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. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Specifications subject to change without notice.

DIMENSIONS

ConTech is a registered trademark of ConTech Lighting.



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T381L

ORDERING INFORMATION

Ordering Example: T381L 30K SPW PDIM NFL WH

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T381L 13W Vertical Cylinder LED	(Blank) Universal 120V Trac Adapter	27K 2700K	80CRI 80 CRI	OFF ¹ On/Off (Non-Dimming)	FL Flood	BL Black
	HTEK ¹ HTEK 277V Trac Adapter	30K 3000K	90CRI 90 CRI		NFL Narrow Flood	SL Silver
	TEK TEK 120V Trac Adapter	35K 3500K	SPW ² SpectralWhite	PDIM Phase Dimmable	SP Spot	WH White
	GTYPE G-Type Trac Adapter	40K 4000K			WFL Wide Flood	
	HTYPE H-Type Trac Adapter					
	LTYPE L-Type Trac Adapter					

Accessories							
HCLBL 200	Hexcell Louver - Black	DGF 200	Dichroic Glass Filters	SOLITE 200	Uniformity Lens	TIR1 SPT	TIR Optic – Spot
SNOOTBL 200	Snoot - Black	DCCF 200 ³	Dichroic Color Correction Filter	PRISM 200	Prismatic Spread Lens	TIR1 NFLD	TIR Optic - Narrow Flood
EYEBROWBL 200	Eyebrow - Black	UVF 200	UV Filter	LSPREAD 200	Linear Spread Lens	TIR1 FLD	TIR Optic – Flood
CGF 200	Color Glass Filters	DIFF 200	Diffusion Lens	T40N ⁴	Monopoint Canopy	TIR5 WFLD	TIR Optic - Wide Flood

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

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

Notes:

- HTEK versions available with OFF option only, and OFF option available with HTEK version only.
- 3000K and 3500K only.
- DCCF 200 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- Add finish code to complete catalog number (Example: T40N WH).



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PERFORMANCE DATA¹

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)	DLC Qualified
T381L 27K 80CRI SP	120V	13.4	1025	76	50,000	X
T381L 27K 80CRI NFL	120V	13.4	988	74	50,000	X
T381L 27K 80CRI FL	120V	13.4	1019	76	50,000	X
T381L 27K 80CRI WFL	120V	13.4	929	69	50,000	X
T381L 27K 90CRI SP	120V	13.4	896	67	50,000	
T381L 27K 90CRI NFL	120V	13.4	863	64	50,000	
T381L 27K 90CRI FL	120V	13.4	891	66	50,000	
T381L 27K 90CRI WFL	120V	13.4	812	61	50,000	
T381L 30K 80CRI SP	120V	13.4	1079	81	50,000	X
T381L 30K 80CRI NFL	120V	13.4	1040	78	50,000	X
T381L 30K 80CRI FL	120V	13.4	1073	80	50,000	X
T381L 30K 80CRI WFL	120V	13.4	978	73	50,000	X
T381L 30K 90CRI SP	120V	13.4	939	70	50,000	
T381L 30K 90CRI NFL	120V	13.4	905	68	50,000	
T381L 30K 90CRI FL	120V	13.4	934	70	50,000	
T381L 30K 90CRI WFL	120V	13.4	851	64	50,000	
T381L 30K SPW SP	120V	13.4	939	70	50,000	X
T381L 30K SPW NFL	120V	13.4	905	68	50,000	X
T381L 30K SPW FL	120V	13.4	934	70	50,000	X
T381L 30K SPW WFL	120V	13.4	851	64	50,000	X
T381L 35K 80CRI SP	120V	13.4	1133	85	50,000	X
T381L 35K 80CRI NFL	120V	13.4	1092	81	50,000	X
T381L 35K 80CRI FL	120V	13.4	1127	84	50,000	X
T381L 35K 80CRI WFL	120V	13.4	1027	77	50,000	X
T381L 35K 90CRI SP	120V	13.4	971	72	50,000	X
T381L 35K 90CRI NFL	120V	13.4	936	70	50,000	X
T381L 35K 90CRI FL	120V	13.4	966	72	50,000	X
T381L 35K 90CRI WFL	120V	13.4	880	66	50,000	X
T381L 35K SPW SP	120V	13.4	971	72	50,000	X
T381L 35K SPW NFL	120V	13.4	936	70	50,000	X
T381L 35K SPW FL	120V	13.4	966	72	50,000	X
T381L 35K SPW WFL	120V	13.4	880	66	50,000	X
T381L 40K 80CRI SP	120V	13.4	1187	89	50,000	X
T381L 40K 80CRI NFL	120V	13.4	1144	85	50,000	X
T381L 40K 80CRI FL	120V	13.4	1180	88	50,000	X
T381L 40K 80CRI WFL	120V	13.4	1076	80	50,000	X
T381L 40K 90CRI SP	120V	13.4	993	74	50,000	X
T381L 40K 90CRI NFL	120V	13.4	957	71	50,000	X
T381L 40K 90CRI FL	120V	13.4	987	74	50,000	X
T381L 40K 90CRI WFL	120V	13.4	900	67	50,000	X

Notes:

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	>0.90
T.H.D.	<20%

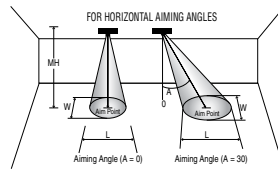
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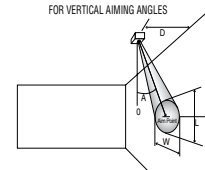
PHOTOMETRICS

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
Cylinder 13W LED, 30K, 80CRI Spot	SP	16°	50000	10386	6	289	1.7	1.7	187	2.3	2	3	144	5.2	3.6	1.7	408	3	1.7	1.2	6	187	3.5	2.3	2
					8	162	2.3	2.3	105	3	2.6	4	81	6.9	4.8	2.3	230	4	2.3	1.6	8	105	4.6	3	2.6
					10	104	2.8	2.8	67	3.8	3.3	5	52	8.7	6	2.8	147	5	2.9	2	10	67	5.8	3.8	3.3
					12	72	3.4	3.4	47	4.6	3.9	6	36	10.4	7.2	3.4	102	6	3.5	2.4	12	47	6.9	4.6	3.9
					14	53	4	4	34	5.3	4.6	7	26	12.1	8.4	4	75	7	4	2.8	14	34	8.1	5.3	4.6
Cylinder 13W LED, 30K, 80CRI Narrow Flood	NFL	26°	50000	4278	4	267	1.9	1.9	174	2.5	2.1	2	134	3.5	4.4	1.9	378	2	2	1.3	4	174	2.3	2.5	2.1
					6	119	2.8	2.8	77	3.8	3.2	3	59	5.2	6.6	2.8	168	3	2.9	2	6	77	3.5	3.8	3.2
					8	67	3.7	3.7	43	5	4.3	4	33	6.9	8.8	3.7	95	4	3.9	2.6	8	43	4.6	5	4.3
					10	43	4.6	4.6	28	6.3	5.4	5	21	8.7	11.1	4.6	61	5	4.9	3.3	10	28	5.8	6.3	5.4
					12	30	5.6	5.6	19	7.6	6.4	6	15	10.4	13.3	5.6	42	6	5.9	3.9	12	19	6.9	7.6	6.4
Cylinder 13W LED, 30K, 80CRI Flood	FL	39°	50000	2309	4	144	2.8	2.8	94	4	3.3	1	289	1.7	4.6	1.4	816	1	1.6	1	3	167	1.7	3	2.5
					5	92	3.6	3.6	60	4.9	4.1	2	72	3.5	9.1	2.8	204	2	3.3	2	4	94	2.3	4	3.3
					6	64	4.3	4.3	42	5.9	4.9	3	32	5.2	13.7	4.3	91	3	4.9	3	5	60	2.9	4.9	4.1
					7	47	5	5	31	6.9	5.7	4	18	6.9	18.3	5.7	51	4	6.5	4	6	42	3.5	5.9	4.9
					8	36	5.7	5.7	23	7.9	6.6	5	12	8.7	22.8	7.1	33	5	8.1	5	7	31	4	6.9	5.7
Cylinder 13W LED, 30K, 80CRI Wide Flood	WFL	51°	50000	1182	2	296	1.9	1.9	192	2.7	2.2	1	148	1.7	11.7	1.9	418	1	2.5	1.3	2	192	1.2	2.7	2.2
					3	131	2.8	2.8	85	4.1	3.3	1.5	66	2.6	17.6	2.8	186	1.5	3.7	2	3	85	1.7	4.1	3.3
					4	74	3.8	3.8	48	5.5	4.4	2	37	3.5	23.5	3.8	104	2	4.9	2.7	4	48	2.3	5.5	4.4
					5	47	4.7	4.7	31	6.8	5.5	2.5	24	4.3	**	4.7	67	2.5	6.1	3.4	5	31	2.9	6.8	5.5
					6	33	5.7	5.7	21	8.2	6.6	3	16	5.2	**	5.7	46	3	7.4	4	6	21	3.5	8.2	6.6

For 27K 80CRI fixtures, use 0.95 multiplier; For 27K 90CRI fixtures, use 0.83 multiplier.
 For 30K 90CRI fixtures, use 0.87 multiplier; For 30K SPW fixtures, use 0.87 multiplier.
 For 35K 80CRI fixtures, use 1.05 multiplier; For 35K 90CRI fixtures, use 0.90 multiplier; For 35K SPW fixtures, use 0.90 multiplier.
 For 40K 80CRI fixtures, use 1.10 multiplier; For 40K 90CRI fixtures, use 0.92 multiplier
 **Due to steep aiming angle, length of beam extends beyond 25'.