



TRAC-MASTER®

Avant Garde

24W VERTICAL CYLINDER LED

T383L

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

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 24W 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 up to two accessories if desired. The 24W Vertical Cylinder LED can deliver up to 2112 lumens, at efficacies up to 87LPW and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 24W 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 • 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 • Dimmable using high quality reverse phase ELV dimmers approved by Juno - 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.

Adapter 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 • “Pull-up” contact to up position for two-circuit application.

Accessory Holder Integral to fixture design • Die cast aluminum construction • Precision bayonet mounting • Accommodates up to two accessories if desired.

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

Labels UL and cUL listed.

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	Color Rendering Index	Beam Spread	Finish
T383L 24W Vertical Cylinder LED	27 2700K 3 3000K 35 3500K 4 4000K	Blank 80 CRI Minimum HC 90 CRI Minimum V¹ SpectralWhite	S Spot N Narrow Flood F Flood W Wide Flood	BL Black SL Silver WH White

¹3000K & 3500K only

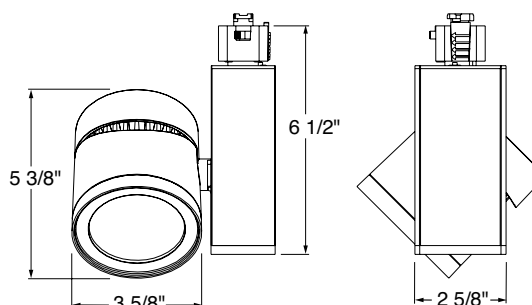
Ordering Examples: T383L-27SBL, T383L-3VNWH

ACCESSORIES

Cat. No.	Description	Cat. No.	Description
T7559BL	Hexcell Louver	T7578	Linear Spread Lens
T751-6	Color Filters	TIR-3-SP	TIR Optic - Spot
T7518	Color Correction Filter ¹	TIR-3-NFL	TIR Optic - Narrow Flood
T7521	Uniformity Lens	TIR-3-FL	TIR Optic - Flood
T7577	Prismatic Spread Lens	TIR-3-WFL	TIR Optic - Wide Flood

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

¹ T5618 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.



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24W VERTICAL CYLINDER LED**T383L****PERFORMANCE DATA¹:**

Catalog Number	Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T383L-27S	120V	24.3	1824	75	50,000
T383L-27N	120V	24.3	1815	75	50,000
T383L-27F	120V	24.3	1816	75	50,000
T383L-27W	120V	24.3	1778	73	50,000
T383L-27HCS	120V	24.3	1594	66	50,000
T383L-27HCN	120V	24.3	1585	65	50,000
T383L-27HCF	120V	24.3	1587	65	50,000
T383L-27HCW	120V	24.3	1554	64	50,000
T383L-3S	120V	24.3	1920	79	50,000
T383L-3N	120V	24.3	1910	79	50,000
T383L-3F	120V	24.3	1912	79	50,000
T383L-3W	120V	24.3	1872	77	50,000
T383L-3HCS	120V	24.3	1670	69	50,000
T383L-3HCN	120V	24.3	1662	68	50,000
T383L-3HCF	120V	24.3	1663	68	50,000
T383L-3HCW	120V	24.3	1629	67	50,000
T383L-3VS	120V	24.3	1670	69	50,000
T383L-3VN	120V	24.3	1662	68	50,000
T383L-3VF	120V	24.3	1663	68	50,000
T383L-3VW	120V	24.3	1629	67	50,000
T383L-35S	120V	24.3	2016	83	50,000
T383L-35N	120V	24.3	2006	83	50,000
T383L-35F	120V	24.3	2008	83	50,000
T383L-35W	120V	24.3	1966	81	50,000
T383L-35HCS	120V	24.3	1728	71	50,000
T383L-35HCN	120V	24.3	1719	71	50,000
T383L-35HCF	120V	24.3	1721	71	50,000
T383L-35HCW	120V	24.3	1685	69	50,000
T383L-35VS	120V	24.3	1728	71	50,000
T383L-35VN	120V	24.3	1719	71	50,000
T383L-35VF	120V	24.3	1721	71	50,000
T383L-35VW	120V	24.3	1685	69	50,000
T383L-4S	120V	24.3	2112	87	50,000
T383L-4N	120V	24.3	2101	86	50,000
T383L-4F	120V	24.3	2103	87	50,000
T383L-4W	120V	24.3	2059	85	50,000
T383L-4HCS	120V	24.3	1766	73	50,000
T383L-4HCN	120V	24.3	1757	72	50,000
T383L-4HCF	120V	24.3	1759	72	50,000
T383L-4HCW	120V	24.3	1722	71	50,000

¹Performance 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.)	0.22A
Power Factor	>0.90
T.H.D.	<20%

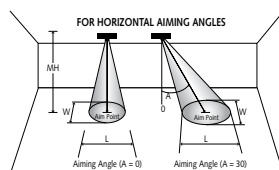
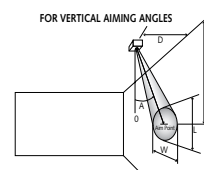
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CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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°			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 24W LED, 3000K Spot	S	13°	50000	16001	8	250	1.8	1.8	162	2.4	2.1	4	125	6.9	3.7	1.8	354	4.0	1.8	1.3	8	162	4.6	2.4	2.1
	10	160			2.2	2.2	104	3.0	2.6	5	80	8.7	4.6	2.2	226	5.0	2.3	1.6	10	104	5.8	3.0	2.6		
	12	111			2.7	2.7	72	3.6	3.1	6	56	10.4	5.5	2.7	157	6.0	2.7	1.9	12	72	6.9	3.6	3.1		
	14	82			3.1	3.1	53	4.2	3.6	7	41	12.1	6.5	3.1	115	7.0	3.2	2.2	14	53	8.1	4.2	3.6		
	16	63			3.6	3.6	41	4.8	4.1	8	31	13.9	7.4	3.6	88	8.0	3.6	2.5	16	41	9.2	4.8	4.1		
Cylinder 24W LED, 3000K Narrow Flood	N	25°	50000	7356	6	204	2.6	2.6	133	3.5	3.0	2	230	3.5	4.1	1.7	650	2.0	1.8	1.2	6	133	3.5	3.5	3.0
	8	115			3.5	3.5	75	4.7	4.0	3	102	5.2	6.1	2.6	289	3.0	2.7	1.9	7	98	4.0	4.1	3.5		
	10	74			4.4	4.4	48	5.9	5.0	4	57	6.9	8.1	3.5	163	4.0	3.7	2.5	8	75	4.6	4.7	4.0		
	12	51			5.2	5.2	33	7.1	6.0	5	37	8.7	10.2	4.4	104	5.0	4.6	3.1	9	59	5.2	5.3	4.5		
	14	38			6.1	6.1	24	8.3	7.0	6	26	10.4	12.2	5.2	72	6.0	5.5	3.7	10	48	5.8	5.9	5.0		
Cylinder 24W LED, 3000K Flood	F	36°	50000	3902	4	244	2.6	2.6	158	3.6	3.0	2	122	3.5	7.8	2.6	345	2.0	2.9	1.9	3	282	1.7	2.7	2.3
	5	156			3.3	3.3	101	4.5	3.8	3	54	5.2	11.7	3.9	153	3.0	4.4	2.8	4	158	2.3	3.6	3.0		
	6	108			3.9	3.9	70	5.5	4.6	4	30	6.9	15.6	5.3	86	4.0	5.9	3.7	5	101	2.9	4.5	3.8		
	7	80			4.6	4.6	52	6.4	5.3	5	20	8.7	19.5	6.6	55	5.0	7.4	4.6	6	70	3.5	5.5	4.6		
	8	61			5.3	5.3	40	7.3	6.1	6	14	10.4	23.4	7.9	38	6.0	8.8	5.6	7	52	4.0	6.4	5.3		
Cylinder 24W LED, 3000K Wide Flood	W	52°	50000	2239	2	560	1.9	1.9	364	2.8	2.2	1.0	280	1.7	13.3	1.9	792	1.0	2.5	1.4	2	364	1.2	2.8	2.2
	3	249			2.9	2.9	162	4.2	3.4	1.5	124	2.6	19.9	2.9	352	1.5	3.8	2.1	3	162	1.7	4.2	3.4		
	4	140			3.9	3.9	91	5.6	4.5	2.0	70	3.5	**	3.9	198	2.0	5.1	2.7	4	91	2.3	5.6	4.5		
	5	90			4.9	4.9	58	7.0	5.6	2.5	45	4.3	**	4.9	127	2.5	6.4	3.4	5	58	2.9	7.0	5.6		
	6	62			5.8	5.8	40	8.4	6.7	3.0	31	5.2	**	5.8	88	3.0	7.6	4.1	6	40	3.5	8.4	6.7		

For 2700K fixtures, use 0.95 multiplier; for 2700HC fixtures, use 0.83 multiplier; for 3000HC fixtures, use 0.87 multiplier; for 3000V fixtures, use 0.87 multiplier; for 3500K fixtures, use 1.05 multiplier; for 3500HC fixtures, use 0.90 multiplier; for 3500V fixtures, use 0.90 multiplier; for 4000K fixtures, use 1.10 multiplier; for 4000HC fixtures, use 0.92 multiplier.

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