



# TRAC-MASTER®

Avant Garde

## 39W VERTICAL CYLINDER LED

T385L



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 39W 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 39W Vertical Cylinder LED can deliver up to 3396 lumens, at efficacies up to 86LPW, 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 39W Vertical Cylinder 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. • 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, 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.222.

**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** 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 • 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 C-UL Listed • ENERGY STAR® certified • 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: T385L 27K 80CRI PDIM SP BL

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T385L 39W Vertical Cylinder 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	SPW <sup>1</sup> SpectralWhite		FL Flood	WH White
		40K 4000K			WFL Wide Flood	

Accessories							
HCLBL 375	Hexcell Louver - Black	TBDR BLCK 375	Barn Doors - Black	DIFF 375	Diffusion Lens	TIR3 SPT	TIR Optic – Spot
CCLBL 375	Cube Cell Louver - Black	CGF 375	Color Glass Filter	SOLITE 375	Uniformity Lens (Solite)	TIR3 NFLD	TIR Optic – Narrow Flood
XBAFLBL 375	Cross Baffle - Black	DGF 375	Dichroic Glass Filter	PRISM 375	Prismatic Spread Lens	TIR3 FLD	TIR Optic – Flood
SNOOTBL 375	Snoot - Black	DCCF 375 <sup>2</sup>	Dichroic Color Correction Filter	LSPREAD 375	Linear Spread Lens	TIR3 WFLD	TIR Optic – Wide Flood
EYEBROWBL 375	EyeBrow - Black	UVF 375	UV Filter	T40N <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:

- 3000K and 3500K only.
- DCCF 375 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- Add finish code to complete catalog number (Example: T40N WH).





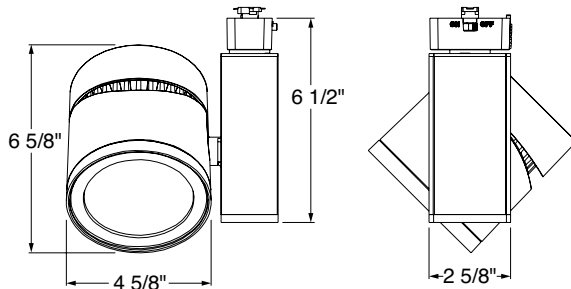
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### T385L

#### DIMENSIONS



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

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T385L 27K 80CRI SP	120V	39.6	2933	74	50,000
T385L 27K 80CRI NFL	120V	39.6	2807	71	50,000
T385L 27K 80CRI FL	120V	39.6	2800	71	50,000
T385L 27K 80CRI WFL	120V	39.6	2739	69	50,000
T385L 27K 90CRI SP	120V	39.6	2562	65	50,000
T385L 27K 90CRI NFL	120V	39.6	2453	62	50,000
T385L 27K 90CRI FL	120V	39.6	2446	62	50,000
T385L 27K 90CRI WFL	120V	39.6	2393	60	50,000
T385L 30K 80CRI SP	120V	39.6	3087	78	50,000
T385L 30K 80CRI NFL	120V	39.6	2955	75	50,000
T385L 30K 80CRI FL	120V	39.6	2947	74	50,000
T385L 30K 80CRI WFL	120V	39.6	2883	73	50,000
T385L 30K 90CRI SP	120V	39.6	2686	68	50,000
T385L 30K 90CRI NFL	120V	39.6	2571	65	50,000
T385L 30K 90CRI FL	120V	39.6	2564	65	50,000
T385L 30K 90CRI WFL	120V	39.6	2508	63	50,000
T385L 30K SPW SP	120V	39.6	2686	68	50,000
T385L 30K SPW NFL	120V	39.6	2571	65	50,000
T385L 30K SPW FL	120V	39.6	2564	65	50,000
T385L 30K SPW WFL	120V	39.6	2508	63	50,000
T385L 35K 80CRI SP	120V	39.6	3241	82	50,000
T385L 35K 80CRI NFL	120V	39.6	3103	78	50,000
T385L 35K 80CRI FL	120V	39.6	3094	78	50,000
T385L 35K 80CRI WFL	120V	39.6	3027	76	50,000
T385L 35K 90CRI SP	120V	39.6	2778	70	50,000
T385L 35K 90CRI NFL	120V	39.6	2660	67	50,000
T385L 35K 90CRI FL	120V	39.6	2652	67	50,000
T385L 35K 90CRI WFL	120V	39.6	2595	66	50,000
T385L 35K SPW SP	120V	39.6	2778	70	50,000
T385L 35K SPW NFL	120V	39.6	2660	67	50,000
T385L 35K SPW FL	120V	39.6	2652	67	50,000
T385L 35K SPW WFL	120V	39.6	2595	66	50,000
T385L 40K 80CRI SP	120V	39.6	3396	86	50,000
T385L 40K 80CRI NFL	120V	39.6	3251	82	50,000
T385L 40K 80CRI FL	120V	39.6	3242	82	50,000
T385L 40K 80CRI WFL	120V	39.6	3171	80	50,000
T385L 40K 90CRI SP	120V	39.6	2840	72	50,000
T385L 40K 90CRI NFL	120V	39.6	2719	69	50,000
T385L 40K 90CRI FL	120V	39.6	2711	68	50,000
T385L 40K 90CRI WFL	120V	39.6	2652	67	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.)	0.33A
Power Factor	>0.90
T.H.D.	<20%



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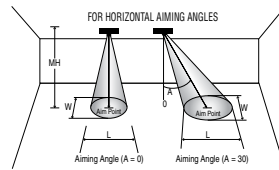
## 39W VERTICAL CYLINDER LED

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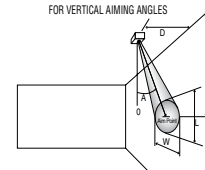
### PHOTOMETRICS

**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 39W LED, 30K, 80CRI Spot	SP	14°	50000	22461	12	156	2.9	2.9	101	3.9	3.3	5	112	8.7	5	2.4	318	5	2.4	1.7	10	146	5.8	3.2	2.8
					14	115	3.4	3.4	74	4.5	3.9	6	78	10.4	6	2.9	221	6	2.9	2	12	101	6.9	3.9	3.3
					16	88	3.8	3.8	57	5.2	4.4	7	57	12.1	7	3.4	162	7	3.4	2.4	14	74	8.1	4.5	3.9
					18	69	4.3	4.3	45	5.8	5	8	44	13.9	8	3.8	124	8	3.9	2.7	16	57	9.2	5.2	4.4
					20	56	4.8	4.8	36	6.4	5.5	9	35	15.6	9	4.3	98	9	4.4	3.1	18	45	10.4	5.8	5
Cylinder 39W LED, 30K, 80CRI Narrow Flood	NFL	24°	50000	11172	8	175	3.4	3.4	113	4.7	4	3	155	5.2	6	2.6	439	3	2.7	1.8	6	202	3.5	3.5	3
					10	112	4.3	4.3	73	5.8	5	4	87	6.9	8	3.4	247	4	3.6	2.4	8	113	4.6	4.7	4
					12	78	5.2	5.2	50	7	6	5	56	8.7	10	4.3	158	5	4.5	3	10	73	5.8	5.8	5
					14	57	6	6	37	8.2	7	6	39	10.4	12	5.2	110	6	5.4	3.7	12	50	6.9	7	6
Cylinder 39W LED, 30K, 80CRI Flood	FL	37°	50000	5822	6	162	4	4	105	5.5	4.6	2	182	3.5	7.9	2.7	515	2	3	1.9	5	151	2.9	4.6	3.8
					7	119	4.6	4.6	77	6.4	5.4	3	81	5.2	11.9	4	229	3	4.5	2.8	6	105	3.5	5.5	4.6
					8	91	5.3	5.3	59	7.3	6.1	4	45	6.9	15.8	5.3	129	4	6	3.8	7	77	4	6.4	5.4
					9	72	6	6	47	8.3	6.9	5	29	8.7	19.8	6.6	82	5	7.5	4.7	8	59	4.6	7.3	6.1
Cylinder 39W LED, 30K, 80CRI Wide Flood	WFL	52°	50000	3343	4	209	3.9	3.9	136	5.7	4.5	1.5	186	2.6	21.6	3	525	1.5	3.9	2.1	3	241	1.7	4.3	3.4
					5	134	4.9	4.9	87	7.1	5.7	2	104	3.5	**	3.9	295	2	5.2	2.8	4	136	2.3	5.7	4.5
					6	93	5.9	5.9	60	8.6	6.8	2.5	67	4.3	**	4.9	189	2.5	6.5	3.5	5	87	2.9	7.1	5.7
					7	68	6.9	6.9	44	10	8	3	46	5.2	**	5.9	131	3	7.8	4.2	6	60	3.5	8.6	6.8
8	52	7.9	7.9	34	11.4	9.1	3.5	34	6.1	**	6.9	96	3.5	9.1	4.9	7	44	4	10	8					

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'.