



TRAC-MASTER®

Avant Garde

48W VERTICAL CYLINDER LED

T387L



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 48W 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 48W Vertical Cylinder LED can deliver up to 3806 lumens, at efficacies up to 79LPW and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 48W 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 • 120V versions only are standard dimming-compatible 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 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 • DLC Qualified (where noted in Performance Data; HTEK is not DLC qualified).

Warranty 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx. Specifications subject to change without notice.

ORDERING INFORMATION

Ordering Example: T387L HTEK 30K 90CRI PDIM NFL SL

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T387L 48W Vertical Cylinder LED	(Blank) Universal 120V Trac Adapter	27K 2700K	80CRI 80 CRI	PDIM Phase Dimmable	SP Spot	BL Black
	HTEK ¹ HTEK 277V Trac Adapter	30K 3000K	90CRI 90 CRI	OFF On/Off (Non-Dimming)	NFL Narrow Flood	SL Silver
	TEK TEK 120V Trac Adapter	35K 3500K	SPW ² 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		
SNOOTBL 375	Snoot - Black	DCCF 375 ³	Dichroic Color Correction Filter	LSPPREAD 375	Linear Spread Lens	TIR3 FLD	TIR Optic – Flood
EYEBROWBL 375	eyebrow - Black	UVF 375	UV Filter	T40N ⁴	Monopoint Canopy	TIR3 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 (not dimmable); if HTEK is selected, fixture is not DLC qualified.
- 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).





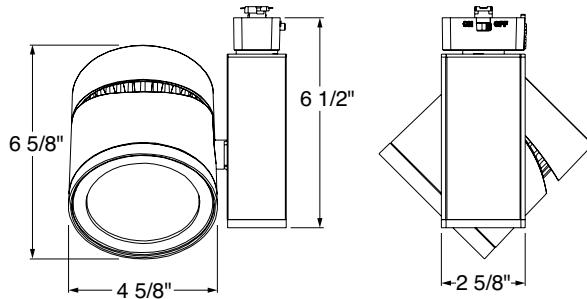
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DIMENSIONS



PERFORMANCE DATA¹

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)	DLC Qualified
T387L 27K 80CRI SP	120V	48.2	3287	68	50,000	X
T387L 27K 80CRI NFL	120V	48.2	3167	66	50,000	X
T387L 27K 80CRI FL	120V	48.2	3169	66	50,000	X
T387L 27K 80CRI WFL	120V	48.2	3082	64	50,000	X
T387L 27K 90CRI SP	120V	48.2	2872	60	50,000	
T387L 27K 90CRI NFL	120V	48.2	2767	57	50,000	
T387L 27K 90CRI FL	120V	48.2	2769	57	50,000	
T387L 27K 90CRI WFL	120V	48.2	2693	56	50,000	
T387L 30K 80CRI SP	120V	48.2	3460	72	50,000	X
T387L 30K 80CRI NFL	120V	48.2	3334	69	50,000	X
T387L 30K 80CRI FL	120V	48.2	3336	69	50,000	X
T387L 30K 80CRI WFL	120V	48.2	3244	67	50,000	X
T387L 30K 90CRI SP	120V	48.2	3010	62	50,000	
T387L 30K 90CRI NFL	120V	48.2	2901	60	50,000	
T387L 30K 90CRI FL	120V	48.2	2902	60	50,000	
T387L 30K 90CRI WFL	120V	48.2	2822	59	50,000	
T387L 30K SPW SP	120V	48.2	3010	62	50,000	
T387L 30K SPW NFL	120V	48.2	2901	60	50,000	
T387L 30K SPW FL	120V	48.2	2902	60	50,000	
T387L 30K SPW WFL	120V	48.2	2822	59	50,000	
T387L 35K 80CRI SP	120V	48.2	3633	75	50,000	X
T387L 35K 80CRI NFL	120V	48.2	3501	73	50,000	X
T387L 35K 80CRI FL	120V	48.2	3503	73	50,000	X
T387L 35K 80CRI WFL	120V	48.2	3406	71	50,000	X
T387L 35K 90CRI SP	120V	48.2	3114	65	50,000	
T387L 35K 90CRI NFL	120V	48.2	3001	62	50,000	
T387L 35K 90CRI FL	120V	48.2	3002	62	50,000	
T387L 35K 90CRI WFL	120V	48.2	2920	61	50,000	
T387L 35K SPW SP	120V	48.2	3114	65	50,000	
T387L 35K SPW NFL	120V	48.2	3001	62	50,000	
T387L 35K SPW FL	120V	48.2	3002	62	50,000	
T387L 35K SPW WFL	120V	48.2	2920	61	50,000	
T387L 40K 80CRI SP	120V	48.2	3806	79	50,000	X
T387L 40K 80CRI NFL	120V	48.2	3667	76	50,000	X
T387L 40K 80CRI FL	120V	48.2	3670	76	50,000	X
T387L 40K 80CRI WFL	120V	48.2	3568	74	50,000	X
T387L 40K 90CRI SP	120V	48.2	3183	66	50,000	
T387L 40K 90CRI NFL	120V	48.2	3067	64	50,000	
T387L 40K 90CRI FL	120V	48.2	3069	64	50,000	
T387L 40K 90CRI WFL	120V	48.2	2984	62	50,000	

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.)	0.41A
Power Factor	>0.90
T.H.D.	<20%



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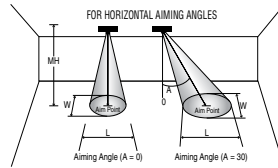
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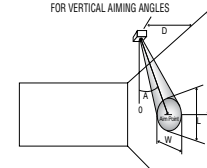
PHOTOMETRICS

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 48W LED, 30K, 80CRI Spot	SP	13°	50000	26174	14	134	3.1	3.1	87	4.2	3.6	5	131	8.7	4.7	2.2	370	5	2.3	1.6	10	170	5.8	3	2.6
					16	102	3.6	3.6	66	4.8	4.1	6	91	10.4	5.6	2.7	257	6	2.7	1.9	12	118	6.9	3.6	3.1
					18	81	4	4	52	5.4	4.7	7	67	12.1	6.5	3.1	189	7	3.2	2.2	14	87	8.1	4.2	3.6
					20	65	4.5	4.5	43	6	5.2	8	51	13.9	7.5	3.6	145	8	3.6	2.5	16	66	9.2	4.8	4.1
					22	54	4.9	4.9	35	6.6	5.7	9	40	15.6	8.4	4	114	9	4.1	2.9	18	52	10.4	5.4	4.7
Cylinder 48W LED, 30K, 80CRI Narrow Flood	NFL	24°	50000	12671	8	198	3.4	3.4	129	4.6	4	3	176	5.2	6	2.6	498	3	2.7	1.8	6	229	3.5	3.5	3
					10	127	4.3	4.3	82	5.8	5	4	99	6.9	8	3.4	280	4	3.6	2.4	8	129	4.6	4.6	4
					12	88	5.1	5.1	57	7	5.9	5	63	8.7	9.9	4.3	179	5	4.5	3	10	82	5.8	5.8	5
					14	65	6	6	42	8.1	6.9	6	44	10.4	11.9	5.1	124	6	5.4	3.6	12	57	6.9	7	5.9
					16	49	6.9	6.9	32	9.3	7.9	7	32	12.1	13.9	6	91	7	6.3	4.2	14	42	8.1	8.1	6.9
Cylinder 48W LED, 30K, 80CRI Flood	FL	36°	50000	6916	6	192	3.9	3.9	125	5.3	4.5	2	216	3.5	7.5	2.6	611	2	2.9	1.8	5	180	2.9	4.4	3.7
					7	141	4.5	4.5	92	6.2	5.2	3	96	5.2	11.2	3.9	272	3	4.3	2.7	6	125	3.5	5.3	4.5
					8	108	5.2	5.2	70	7.1	5.9	4	54	6.9	15	5.2	153	4	5.7	3.6	7	92	4	6.2	5.2
					9	85	5.8	5.8	55	8	6.7	5	35	8.7	18.7	6.4	98	5	7.2	4.6	8	70	4.6	7.1	5.9
					10	69	6.4	6.4	45	8.9	7.4	6	24	10.4	22.4	7.7	68	6	8.6	5.5	9	55	5.2	8	6.7
Cylinder 48W LED, 30K, 80CRI Wide Flood	WFL	51°	50000	3886	4	243	3.8	3.8	158	5.5	4.4	1.5	216	2.6	18	2.9	611	1.5	3.7	2	3	280	1.7	4.1	3.3
					5	155	4.8	4.8	101	6.9	5.5	2	121	3.5	24	3.8	343	2	4.9	2.7	4	158	2.3	5.5	4.4
					6	108	5.7	5.7	70	8.3	6.6	2.5	78	4.3	**	4.8	220	2.5	6.2	3.4	5	101	2.9	6.9	5.5
					7	79	6.7	6.7	52	9.6	7.7	3	54	5.2	**	5.7	153	3	7.4	4	6	70	3.5	8.3	6.6
					8	61	7.6	7.6	39	11	8.8	3.5	40	6.1	**	6.7	112	3.5	8.6	4.7	7	52	4	9.6	7.7

For 27K 80CRI fixtures, use 0.95 multiplier; For 27K 90CRI HC fixtures, use 0.83 multiplier.
 For 30K 90CRI HC fixtures, use 0.87 multiplier; For 30K SPW fixtures, use 0.87 multiplier.
 For 35K 80CRI fixtures, use 1.05 multiplier; For 35K 90CRI HC fixtures, use 0.90 multiplier;
 For 35K SPW fixtures, use 0.89 multiplier.
 For 40K 80CRI fixtures, use 1.10 multiplier; For 40K 90CRI HC fixtures, use 0.92 multiplier.

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