



TRAC-MASTER®

Avant Garde

17W VERTICAL CYLINDER LED

T382L G2



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 17W 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 17W Vertical Cylinder LED can deliver up to 1845 lumens, at efficacies up to 109LPW and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 17W 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 SpectraWhite 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 [T382LG2-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 • 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.

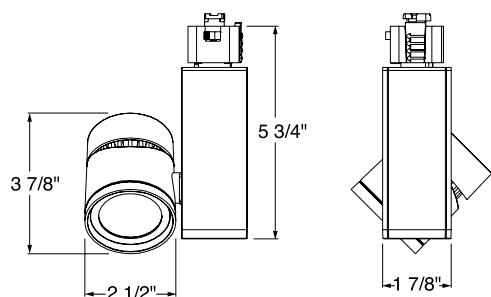
Aiming 360° horizontal coverage • Greater than 90° vertical aiming capability.

Labels UL and C-UL Listed • ENERGY STAR® Certified • Union made • Assembled in U.S.A.

Warranty 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions.

Specifications subject to change without notice.

DIMENSIONS



ConTech is a registered trademark of ConTech Lighting.





17W VERTICAL CYLINDER LED

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ORDERING INFORMATION

Ordering Example: T382L G2 30K SPW PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature
T382L 17W Vertical Cylinder LED	(Blank) Juno Universal 120V Trac Adapter	G2 Generation 2	27K 2700K
	HTEK ¹ HTEK 277V Trac Adapter		30K 3000K
	TEK TEK 120V Trac Adapter		35K 3500K
	GTYPE G-Type Trac Adapter		40K 4000K
	HTYPE H-Type Trac Adapter		
	LTYPE L-Type Trac Adapter		

Color Rendering Index	Dimming Compatibility	Distribution	Finish
80CRI 80 CRI	OFF ¹ On/Off (Non-Dimming)	SP Spot	BL Black
90CRI 90 CRI	PDIM Phase Dimmable	NFL Narrow Flood	SL Silver
SPW ² SpectralWhite		FL Flood	WH White
		WFL Wide Flood	

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	Eye Brow - 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:

- 1 HTEK versions available with OFF option only, and OFF option available with HTEK versions only.
- 2 3000K and 3500K only.
- 3 DCCF 200 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- 4 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)
T382L G2 27K 80CRI PDIM SP	120V	16.9	1668	99	50,000
T382L G2 27K 80CRI PDIM NFL	120V	16.9	1657	98	50,000
T382L G2 27K 80CRI PDIM FL	120V	16.9	1713	101	50,000
T382L G2 27K 80CRI PDIM WFL	120V	16.9	1560	92	50,000
T382L G2 27K 90CRI PDIM SP	120V	16.9	1441	85	50,000
T382L G2 27K 90CRI PDIM NFL	120V	16.9	1431	85	50,000
T382L G2 27K 90CRI PDIM FL	120V	16.9	1479	88	50,000
T382L G2 27K 90CRI PDIM WFL	120V	16.9	1347	80	50,000
T382L G2 30K 80CRI PDIM SP	120V	16.9	1668	99	50,000
T382L G2 30K 80CRI PDIM NFL	120V	16.9	1657	98	50,000
T382L G2 30K 80CRI PDIM FL	120V	16.9	1713	101	50,000
T382L G2 30K 80CRI PDIM WFL	120V	16.9	1560	92	50,000
T382L G2 30K 90CRI PDIM SP	120V	16.9	1471	87	50,000
T382L G2 30K 90CRI PDIM NFL	120V	16.9	1461	86	50,000
T382L G2 30K 90CRI PDIM FL	120V	16.9	1511	89	50,000
T382L G2 30K 90CRI PDIM WFL	120V	16.9	1376	81	50,000
T382L G2 30K SPW PDIM SP	120V	16.9	1539	91	50,000
T382L G2 30K SPW PDIM NFL	120V	16.9	1529	90	50,000
T382L G2 30K SPW PDIM FL	120V	16.9	1581	94	50,000
T382L G2 30K SPW PDIM WFL	120V	16.9	1439	85	50,000
T382L G2 35K 80CRI PDIM SP	120V	16.9	1767	105	50,000
T382L G2 35K 80CRI PDIM NFL	120V	16.9	1755	104	50,000
T382L G2 35K 80CRI PDIM FL	120V	16.9	1814	107	50,000
T382L G2 35K 80CRI PDIM WFL	120V	16.9	1652	98	50,000
T382L G2 35K 90CRI PDIM SP	120V	16.9	1562	92	50,000
T382L G2 35K 90CRI PDIM NFL	120V	16.9	1552	92	50,000
T382L G2 35K 90CRI PDIM FL	120V	16.9	1604	95	50,000
T382L G2 35K 90CRI PDIM WFL	120V	16.9	1461	86	50,000
T382L G2 35K SPW PDIM SP	120V	16.9	1577	93	50,000
T382L G2 35K SPW PDIM NFL	120V	16.9	1567	93	50,000
T382L G2 35K SPW PDIM FL	120V	16.9	1620	96	50,000
T382L G2 35K SPW PDIM WFL	120V	16.9	1475	87	50,000
T382L G2 40K 80CRI PDIM SP	120V	16.9	1797	106	50,000
T382L G2 40K 80CRI PDIM NFL	120V	16.9	1785	106	50,000
T382L G2 40K 80CRI PDIM FL	120V	16.9	1845	109	50,000
T382L G2 40K 80CRI PDIM WFL	120V	16.9	1681	99	50,000
T382L G2 40K 90CRI PDIM SP	120V	16.9	1592	94	50,000
T382L G2 40K 90CRI PDIM NFL	120V	16.9	1582	94	50,000
T382L G2 40K 90CRI PDIM FL	120V	16.9	1635	97	50,000
T382L G2 40K 90CRI PDIM WFL	120V	16.9	1489	88	50,000

Notes:

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

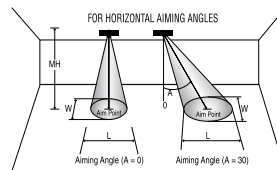
ELECTRICAL DATA

Input Voltage	120V
Input Current (max.)	0.16A
Power Factor	>0.90
T.H.D.	<20%

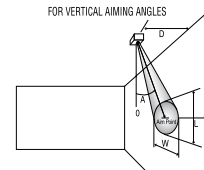
PHOTOMETRICS

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
Vertical Cylinder 17W LED, 3000K, 80CRI Spot	SP	16° 	50000	16240	8	254	2.2	2.2	165	3.0	2.5	3	226	5.2	3.5	1.7	638	3.0	1.7	1.2	6	293	3.5	2.2	1.9
					10	162	2.8	2.8	105	3.7	3.2	4	127	6.9	4.7	2.2	359	4.0	2.2	1.6	8	165	4.6	3.0	2.5
					12	113	3.3	3.3	73	4.4	3.8	5	81	8.7	5.8	2.8	230	5.0	2.8	1.9	10	105	5.8	3.7	3.2
					14	83	3.9	3.9	54	5.2	4.5	6	56	10.4	7.0	3.3	159	6.0	3.4	2.3	12	73	6.9	4.4	3.8
					16	63	4.4	4.4	41	5.9	5.1	7	41	12.1	8.2	3.9	117	7.0	3.9	2.7	14	54	8.1	5.2	4.5
Vertical Cylinder 17W LED, 3000K, 80CRI Narrow Flood	NFL	26° 	50000	6913	5	277	2.3	2.3	180	3.2	2.7	2	216	3.5	4.4	1.9	611	2.0	2.0	1.3	4	281	2.3	2.5	2.1
					6	192	2.8	2.8	125	3.8	3.2	3	96	5.2	6.7	2.8	272	3.0	3.0	2.0	6	125	3.5	3.8	3.2
					7	141	3.3	3.3	92	4.4	3.8	4	54	6.9	8.9	3.7	153	4.0	3.9	2.6	8	70	4.6	5.1	4.3
					8	108	3.7	3.7	70	5.1	4.3	5	35	8.7	11.1	4.7	98	5.0	4.9	3.3	10	45	5.8	6.3	5.4
					9	85	4.2	4.2	55	5.7	4.8	6	24	10.4	13.3	5.6	68	6.0	5.9	3.9	12	31	6.9	7.6	6.4
Vertical Cylinder 17W LED, 3000K, 80CRI Flood	FL	38° 	50000	3919	4	245	2.8	2.8	159	3.8	3.2	1.5	218	2.6	6.5	2.1	616	1.5	2.4	1.5	3	283	1.7	2.9	2.4
					5	157	3.5	3.5	102	4.8	4.0	2.0	122	3.5	8.7	2.8	346	2.0	3.1	2.0	4	159	2.3	3.8	3.2
					6	109	4.2	4.2	71	5.8	4.8	2.5	78	4.3	10.8	3.5	222	2.5	3.9	2.4	5	102	2.9	4.8	4.0
					7	80	4.8	4.8	52	6.7	5.6	3.0	54	5.2	13.0	4.2	154	3.0	4.7	2.9	6	71	3.5	5.8	4.8
					8	61	5.5	5.5	40	7.7	6.4	3.5	40	6.1	15.1	4.8	113	3.5	5.5	3.4	7	52	4.0	6.7	5.6
Vertical Cylinder 17W LED, 3000K, 80CRI Wide Flood	WFL	51° 	50000	1839	2	460	1.9	1.9	299	2.7	2.2	1.0	230	1.7	11.7	1.9	650	1.0	2.5	1.3	2	299	1.2	2.7	2.2
					3	204	2.8	2.8	133	4.1	3.3	1.5	102	2.6	17.6	2.8	289	1.5	3.7	2.0	3	133	1.7	4.1	3.3
					4	115	3.8	3.8	75	5.5	4.4	2.0	57	3.5	23.5	3.8	163	2.0	4.9	2.7	4	75	2.3	5.5	4.4
					5	74	4.7	4.7	48	6.8	5.5	2.5	37	4.3	**	4.7	104	2.5	6.1	3.4	5	48	2.9	6.8	5.5
					6	51	5.7	5.7	33	8.2	6.6	3.0	26	5.2	**	5.7	72	3.0	7.4	4.0	6	33	3.5	8.2	6.6

For 27K 80CRI fixtures, use 1.00 multiplier; For 27K 90CRI fixtures, use 0.86 multiplier.
 For 30K 80CRI fixtures, use 0.88 multiplier; For 30K SPW fixtures, use 0.92 multiplier.
 For 35K 80CRI fixtures, use 1.06 multiplier; For 35K 90CRI fixtures, use 0.94 multiplier; For 35K SPW fixtures, use 0.95 multiplier.
 For 40K 80CRI fixtures, use 1.08 multiplier; For 40K 90CRI fixtures, use 0.95 multiplier

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