



# TRAC-MASTER®

## Avant Garde

### 30W VERTICAL CYLINDER LED

### T385L 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 30W 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 30W Vertical Cylinder LED can deliver up to 3250 lumens, at efficacies up to 108LPW, 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 30W Vertical Cylinder LED is compatible with all Juno line voltage track 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 fixtures are dimmable using high quality, factory approved reverse phase ELV dimmers - see [T385LG2-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 Track Adapter** Universally compatible with both Trac-Master 1-circuit or 2-circuit track, Trac-Lites track, monopoints and special mountings • Also UL Recognized for use on ConTech® LT Series track • Oversized track adapter for greater mounting stability • 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 track light to track • Two-position power contact provided for two-circuit application.

**Alternate TEK/HTEK Track Adapter** Compatible with either Juno TEK or HTEK track systems • System specific and assembled to track 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 Track Adapter** Compatible with track systems based on GES type track, including Lithonia LT Commercial Track (not LTS type) • System specific and assembled to track fixture • Consult factory for additional information.

**Alternate HTYPE Track 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 track fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Alternate LTYPE Track Adapter** Compatible with track systems which use a L-type track adapter • System specific and assembled to track 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 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 where noted in Performance Data; HTEK option excluded • 90CRI and 97CRI versions can be used to comply with California Title 24, Part 6 high efficacy LED light source requirements • 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](http://www.acuitybrands.com/buy-american) for additional information.

**Warranty** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

ConTech is a registered trademark of ConTech Lighting.





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## 30W VERTICAL CYLINDER LED

**T385L G2**

### ORDERING INFORMATION

Ordering Example: T385L G2 27K 80CRI PDIM SP BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index
T385L 30W Vertical Cylinder LED	(Blank) Juno Universal 120V Track Adapter	G2 Generation 2	27K 2700K	80CRI 80 CRI
	HTEK <sup>1</sup> HTEK 277V Track Adapter		30K 3000K	90CRI 90 CRI
	TEK TEK 120V Track Adapter		35K 3500K	SPW <sup>2</sup> SpectralWhite
	GTYPE G-Type Track Adapter		40K 4000K	
	HTYPE H-Type Track Adapter			
	LTYPE L-Type Track Adapter			

Dimming Compatibility	Distribution	Finish
OFF <sup>1</sup> On/Off (Non-Dimming)	SP Spot	BL Black
PDIM Phase Dimmable	NFL Narrow Flood	SL Silver
	FL Flood	WH White
	WFL Wide Flood	

Accessories							
HCLBL 300	Hexcell Louver - Black	DGF 275	Dichroic Glass Filter	PRISM 275	Prismatic Spread Lens	TIR3 SPT	TIR Optic – Spot
SNOOTBL 275	Snoot - Black	UVF 275	UV Filter	LSPREAD 275	Linear Spread Lens	TIR3 NFLD	TIR Optic – Narrow Flood
EYEBROWBL 275	Eyebrow - Black	DIFF 275	Diffusion Lens	T40N <sup>3</sup>	Monopoint Canopy	TIR3 FLD	TIR Optic – Flood
CGF 275	Color Glass Filter	SOLITE 275	Uniformity Lens (Solite)			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:

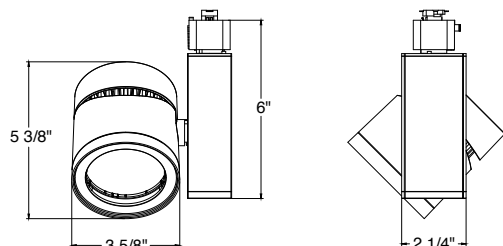
- HTEK versions available with OFF option only, and OFF option only available with HTEK version only. HTEK option not qualified for DLC®.
- 3000K and 3500K only.
- Add finish code to complete catalog number (Example: T40N WH).



## 30W VERTICAL CYLINDER LED

## T385L G2

## DIMENSIONS



## ELECTRICAL DATA

Input Voltage	120V
Input Current (max.)	0.28A
Power Factor	>0.90
T.H.D.	<20%

PERFORMANCE DATA<sup>1</sup>

Catalog Number	Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)	DLC Standard <sup>2</sup>	DLC Premium <sup>2</sup>
T385L G2 27K 80CRI PDIM SP	120V	30.0	2883	96	50,000		X
T385L G2 27K 80CRI PDIM NFL	120V	30.0	2984	99	50,000		X
T385L G2 27K 80CRI PDIM FL	120V	30.0	3017	101	50,000		X
T385L G2 27K 80CRI PDIM WFL	120V	30.0	2938	98	50,000		X
T385L G2 27K 90CRI PDIM SP	120V	30.0	2490	83	50,000	X	
T385L G2 27K 90CRI PDIM NFL	120V	30.0	2577	86	50,000	X	
T385L G2 27K 90CRI PDIM FL	120V	30.0	2606	87	50,000	X	
T385L G2 27K 90CRI PDIM WFL	120V	30.0	2537	85	50,000	X	
T385L G2 30K 80CRI PDIM SP	120V	30.0	2883	96	50,000		X
T385L G2 30K 80CRI PDIM NFL	120V	30.0	2984	99	50,000		X
T385L G2 30K 80CRI PDIM FL	120V	30.0	3017	101	50,000		X
T385L G2 30K 80CRI PDIM WFL	120V	30.0	2938	98	50,000		X
T385L G2 30K 90CRI PDIM SP	120V	30.0	2542	85	50,000	X	
T385L G2 30K 90CRI PDIM NFL	120V	30.0	2631	88	50,000	X	
T385L G2 30K 90CRI PDIM FL	120V	30.0	2660	89	50,000	X	
T385L G2 30K 90CRI PDIM WFL	120V	30.0	2591	86	50,000	X	
T385L G2 30K SPW PDIM SP	120V	30.0	2660	89	50,000		
T385L G2 30K SPW PDIM NFL	120V	30.0	2753	92	50,000		
T385L G2 30K SPW PDIM FL	120V	30.0	2784	93	50,000		
T385L G2 30K SPW PDIM WFL	120V	30.0	2711	90	50,000		
T385L G2 35K 80CRI PDIM SP	120V	30.0	3053	102	50,000		X
T385L G2 35K 80CRI PDIM NFL	120V	30.0	3160	105	50,000		X
T385L G2 35K 80CRI PDIM FL	120V	30.0	3195	107	50,000		X
T385L G2 35K 80CRI PDIM WFL	120V	30.0	3112	104	50,000		X
T385L G2 35K 90CRI PDIM SP	120V	30.0	2700	90	50,000	X	
T385L G2 35K 90CRI PDIM NFL	120V	30.0	2794	93	50,000	X	
T385L G2 35K 90CRI PDIM FL	120V	30.0	2825	94	50,000	X	
T385L G2 35K 90CRI PDIM WFL	120V	30.0	2751	92	50,000	X	
T385L G2 35K SPW PDIM SP	120V	30.0	2726	91	50,000		
T385L G2 35K SPW PDIM NFL	120V	30.0	2821	94	50,000		
T385L G2 35K SPW PDIM FL	120V	30.0	2852	95	50,000		
T385L G2 35K SPW PDIM WFL	120V	30.0	2778	93	50,000		
T385L G2 40K 80CRI PDIM SP	120V	30.0	3106	104	50,000		X
T385L G2 40K 80CRI PDIM NFL	120V	30.0	3215	107	50,000		X
T385L G2 40K 80CRI PDIM FL	120V	30.0	3250	108	50,000		X
T385L G2 40K 80CRI PDIM WFL	120V	30.0	3165	106	50,000		X
T385L G2 40K 90CRI PDIM SP	120V	30.0	2752	92	50,000		X
T385L G2 40K 90CRI PDIM NFL	120V	30.0	2848	95	50,000	X	
T385L G2 40K 90CRI PDIM FL	120V	30.0	2880	96	50,000	X	
T385L G2 40K 90CRI PDIM WFL	120V	30.0	2804	93	50,000	X	

## Notes:

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

<sup>2</sup> HTEK mounting option not qualified for DLC®.

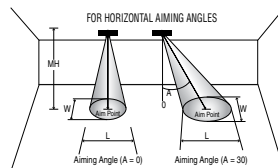
## 30W VERTICAL CYLINDER LED

T385L G2

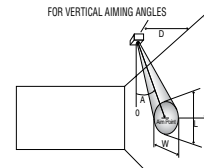
## PHOTOMETRICS

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 30W LED, 30K, 80CRI Spot	SP	13°	50000	22307	12	155	2.8	2.8	101	3.7	3.2	5	112	8.7	4.9	2.3	315	5.0	2.4	1.6	10	145	5.8	3.1	2.7
					14	114	3.3	3.3	74	4.4	3.8	6	77	10.4	5.8	2.8	219	6.0	2.8	2.0	12	101	6.9	3.7	3.2
					16	87	3.7	3.7	57	5.0	4.3	7	57	12.1	6.8	3.3	161	7.0	3.3	2.3	14	74	8.1	4.4	3.8
					18	69	4.2	4.2	45	5.6	4.8	8	44	13.9	7.8	3.7	123	8.0	3.8	2.6	16	57	9.2	5.0	4.3
					20	56	4.7	4.7	36	6.2	5.4	9	34	15.6	8.8	4.2	97	9.0	4.3	3.0	18	45	10.4	5.6	4.8
Vertical Cylinder 30W LED, 30K, 80CRI Narrow Flood	NFL	25°	50000	11737	8	183	3.5	3.5	119	4.7	4.0	3	163	5.2	6.1	2.6	461	3.0	2.7	1.8	6	212	3.5	3.5	3.0
					10	117	4.3	4.3	76	5.9	5.0	4	92	6.9	8.1	3.5	259	4.0	3.6	2.5	8	119	4.6	4.7	4.0
					12	82	5.2	5.2	53	7.1	6.0	5	59	8.7	10.1	4.3	166	5.0	4.6	3.1	10	76	5.8	5.9	5.0
					14	60	6.1	6.1	39	8.2	7.0	6	41	10.4	12.1	5.2	115	6.0	5.5	3.7	12	53	6.9	7.1	6.0
					16	46	6.9	6.9	30	9.4	8.0	7	30	12.1	14.2	6.1	85	7.0	6.4	4.3	14	39	8.1	8.2	7.0
Vertical Cylinder 30W LED, 30K, 80CRI Flood	FL	36°	50000	6354	6	177	3.9	3.9	115	5.3	4.5	2	199	3.5	7.5	2.6	562	2.0	2.9	1.8	5	165	2.9	4.4	3.7
					7	130	4.5	4.5	84	6.2	5.2	3	88	5.2	11.2	3.9	250	3.0	4.3	2.7	6	115	3.5	5.3	4.5
					8	99	5.2	5.2	64	7.1	5.9	4	50	6.9	15.0	5.2	140	4.0	5.7	3.6	7	84	4.0	6.2	5.2
					9	78	5.8	5.8	51	8.0	6.7	5	32	8.7	18.7	6.4	90	5.0	7.2	4.6	8	64	4.6	7.1	5.9
					10	64	6.4	6.4	41	8.9	7.4	6	22	10.4	22.4	7.7	62	6.0	8.6	5.5	9	51	5.2	8.0	6.7
Vertical Cylinder 30W LED, 30K, 80CRI Wide Flood	WFL	55°	50000	3401	4	213	4.1	4.1	138	6.0	4.8	1.5	189	2.6	**	3.1	534	1.5	4.2	2.2	3	245	1.7	4.5	3.6
					5	136	5.2	5.2	88	7.6	6.0	2.0	106	3.5	**	4.1	301	2.0	5.6	2.9	4	138	2.3	6.0	4.8
					6	94	6.2	6.2	61	9.1	7.2	2.5	68	4.3	**	5.2	192	2.5	7.0	3.6	5	88	2.9	7.6	6.0
					7	69	7.2	7.2	45	10.6	8.3	3.0	47	5.2	**	6.2	134	3.0	8.4	4.4	6	61	3.5	9.1	7.2
					8	53	8.3	8.3	35	12.1	9.5	3.5	35	6.1	**	7.2	98	3.5	9.8	5.1	7	45	4.0	10.6	8.3

For 27K 80CRI fixtures, use 0.96 multiplier; For 27K 90CRI fixtures, use 0.83 multiplier.

For 30K 90CRI fixtures, use 0.85 multiplier; For 30K SPW fixtures, use 0.89 multiplier.

For 35K 80CRI fixtures, use 1.02 multiplier; For 35K 90CRI fixtures, use 0.90 multiplier; For 35K SPW fixtures, use 0.90 multiplier.

For 40K 80CRI fixtures, use 1.04 multiplier; For 40K 90CRI fixtures, use 0.92 multiplier

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