JUNO

TRAC-MASTER®

Avant Garde

Project:

Fixture Type:

Location:

Contact/Phone:

46W VERTICAL CYLINDER LED

T387L G2

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 46W 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 46W Vertical Cylinder LED can deliver up to 4651 lumens, at efficacies up to 101LPW and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 46W 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 T387LG2-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 • Oversized trac 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 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 up to two accessories if desired.

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

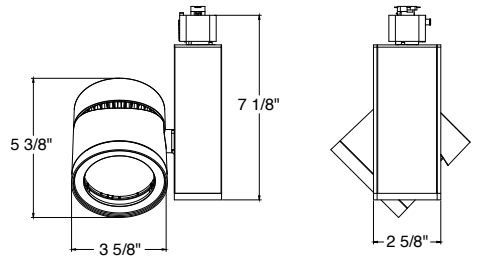
Labels UL and C-UL Listed • ENERGY STAR® certified • 90 CRI versions are DesignLights Consortium® Qualified • 90CRI and 97CRI versions can be used to comply with California Title 24, Part 6 high efficacy LED light source requirements • Union made • Assembled in U.S.A.

Buy American Act This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to 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

Specifications subject to change without notice.

DIMENSIONS



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ORDERING INFORMATION

Ordering Example: T387L G2 30K 90CRI PDIM NFL SL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index
T387L 46W Vertical Cylinder LED	**(Blank)** Juno Universal 120V Trac Adapter **HTEK**[1] HTEK 277V Trac Adapter **TEK** TEK 120V Trac Adapter **GTYPE** G-Type Trac Adapter **HTYPE** H-Type Trac Adapter **LTYPE** L-Type Trac Adapter	**G2** Generation 2	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K	**80CRI** 80 CRI **90CRI** 90 CRI **SPW**[2] SpectralWhite

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

Accessories							
HCLBL 300	Hexcell Louver - Black	**DGF 275**	Dichroic Glass Filter	**SOLITE 275**	Uniformity Lens (Solite)	**TIR3 SPT**	TIR Optic – Spot
SNOOTBL 275	Snoot - Black			**PRISM 275**	Prismatic Spread Lens	**TIR3 NFLD**	TIR Optic – Narrow Flood
EYEBROWBL 275	Eyebrow - Black	**UVF 275**	UV Filter	**LSPREAD 275**	Linear Spread Lens	**TIR3 FLD**	TIR Optic – Flood
CGF 275	Color Glass Filter	**DIFF 275**	Diffusion Lens	**T40N**[3]	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:
1 HTEK versions available with OFF option only, and OFF option only available with HTEK version only; if HTEK is selected, fixture is not DLC qualified.
2 3000K and 3500K only.
3 Add finish code to complete catalog number (Example: T40N WH).

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T387L G2

PERFORMANCE DATA[1]

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T387L G2 27K 80CRI PDIM SP	120V	46.0	4247	92	50,000
T387L G2 27K 80CRI PDIM NFL	120V	46.0	4302	94	50,000
T387L G2 27K 80CRI PDIM FL	120V	46.0	4287	93	50,000
T387L G2 27K 80CRI PDIM WFL	120V	46.0	4204	91	50,000
T387L G2 27K 90CRI PDIM SP	120V	46.0	3659	80	50,000
T387L G2 27K 90CRI PDIM NFL	120V	46.0	3706	81	50,000
T387L G2 27K 90CRI PDIM FL	120V	46.0	3694	80	50,000
T387L G2 27K 90CRI PDIM WFL	120V	46.0	3621	79	50,000
T387L G2 30K 80CRI PDIM SP	120V	46.0	4408	96	50,000
T387L G2 30K 80CRI PDIM NFL	120V	46.0	4465	97	50,000
T387L G2 30K 80CRI PDIM FL	120V	46.0	4450	97	50,000
T387L G2 30K 80CRI PDIM WFL	120V	46.0	4363	95	50,000
T387L G2 30K 90CRI PDIM SP	120V	46.0	3753	82	50,000
T387L G2 30K 90CRI PDIM NFL	120V	46.0	3801	83	50,000
T387L G2 30K 90CRI PDIM FL	120V	46.0	3788	82	50,000
T387L G2 30K 90CRI PDIM WFL	120V	46.0	3714	81	50,000
T387L G2 30K SPW PDIM SP	120V	46.0	3925	85	50,000
T387L G2 30K SPW PDIM NFL	120V	46.0	3976	86	50,000
T387L G2 30K SPW PDIM FL	120V	46.0	3962	86	50,000
T387L G2 30K SPW PDIM WFL	120V	46.0	3885	84	50,000
T387L G2 35K 80CRI PDIM SP	120V	46.0	4509	98	50,000
T387L G2 35K 80CRI PDIM NFL	120V	46.0	4567	99	50,000
T387L G2 35K 80CRI PDIM FL	120V	46.0	4552	99	50,000
T387L G2 35K 80CRI PDIM WFL	120V	46.0	4463	97	50,000
T387L G2 35K 90CRI PDIM SP	120V	46.0	3967	86	50,000
T387L G2 35K 90CRI PDIM NFL	120V	46.0	4019	87	50,000
T387L G2 35K 90CRI PDIM FL	120V	46.0	4005	87	50,000
T387L G2 35K 90CRI PDIM WFL	120V	46.0	3927	85	50,000
T387L G2 35K SPW PDIM SP	120V	46.0	3967	86	50,000
T387L G2 35K SPW PDIM NFL	120V	46.0	4019	87	50,000
T387L G2 35K SPW PDIM FL	120V	46.0	4005	87	50,000
T387L G2 35K SPW PDIM WFL	120V	46.0	3927	85	50,000
T387L G2 40K 80CRI PDIM SP	120V	46.0	4592	100	50,000
T387L G2 40K 80CRI PDIM NFL	120V	46.0	4651	101	50,000
T387L G2 40K 80CRI PDIM FL	120V	46.0	4635	101	50,000
T387L G2 40K 80CRI PDIM WFL	120V	46.0	4545	99	50,000
T387L G2 40K 90CRI PDIM SP	120V	46.0	4055	88	50,000
T387L G2 40K 90CRI PDIM NFL	120V	46.0	4108	89	50,000
T387L G2 40K 90CRI PDIM FL	120V	46.0	4094	89	50,000
T387L G2 40K 90CRI PDIM WFL	120V	46.0	4014	87	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.)	0.43A
Power Factor	>0.90
T.H.D.	<20%

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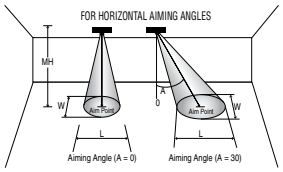
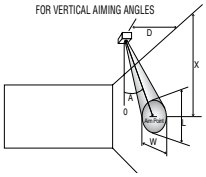
PHOTOMETRICS

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° MH	0° FC	0° L	0° W	30° FC	30° L	30° W	30° D	30° FC	30° X	30° L	30° W	45° FC	45° X	45° L	45° W	60° D	60° FC	60° X	60° L	60° W
Vertical Cylinder 46W LED, 30K, 80CRI Spot	SP	13°	50000	33884	14	173	3.2	3.2	112	4.2	3.7	5	169	8.7	4.7	2.3	479	5.0	2.3	1.6	10	220	5.8	3.0	2.6
					16	132	3.6	3.6	86	4.8	4.2	6	118	10.4	5.6	2.7	333	6.0	2.7	1.9	12	153	6.9	3.6	3.1
					18	105	4.1	4.1	68	5.4	4.7	7	86	12.1	6.6	3.2	244	7.0	3.2	2.2	14	112	8.1	4.2	3.7
					20	85	4.5	4.5	55	6.1	5.2	8	66	13.9	7.5	3.6	187	8.0	3.7	2.6	16	86	9.2	4.8	4.2
					22	70	5.0	5.0	45	6.7	5.7	9	52	15.6	8.5	4.1	148	9.0	4.1	2.9	18	68	10.4	5.4	4.7
Vertical Cylinder 46W LED, 30K, 80CRI Narrow Flood	NFL	25°	50000	17010	8	266	3.5	3.5	173	4.7	4.0	3	236	5.2	6.1	2.6	668	3.0	2.7	1.9	6	307	3.5	3.5	3.0
					10	170	4.4	4.4	110	5.9	5.0	4	133	6.9	8.1	3.5	376	4.0	3.7	2.5	8	173	4.6	4.7	4.0
					12	118	5.2	5.2	77	7.1	6.0	5	85	8.7	10.2	4.4	241	5.0	4.6	3.1	10	110	5.8	5.9	5.0
					14	87	6.1	6.1	56	8.3	7.0	6	59	10.4	12.2	5.2	167	6.0	5.5	3.7	12	77	6.9	7.1	6.0
					16	66	7.0	7.0	43	9.5	8.1	7	43	12.1	14.2	6.1	123	7.0	6.4	4.3	14	56	8.1	8.3	7.0
Vertical Cylinder 46W LED, 30K, 80CRI Flood	FL	36°	50000	9033	6	251	3.9	3.9	163	5.4	4.5	2	282	3.5	7.7	2.6	798	2.0	2.9	1.8	5	235	2.9	4.5	3.8
					7	184	4.6	4.6	120	6.3	5.3	3	125	5.2	11.5	3.9	355	3.0	4.4	2.8	6	163	3.5	5.4	4.5
					8	141	5.2	5.2	92	7.2	6.0	4	71	6.9	15.4	5.2	200	4.0	5.9	3.7	7	120	4.0	6.3	5.3
					9	112	5.9	5.9	72	8.1	6.8	5	45	8.7	19.2	6.5	128	5.0	7.3	4.6	8	92	4.6	7.2	6.0
					10	90	6.5	6.5	59	9.0	7.5	6	31	10.4	23.1	7.8	89	6.0	8.8	5.5	9	72	5.2	8.1	6.8
Vertical Cylinder 46W LED, 30K, 80CRI Wide Flood	WFL	56°	50000	4835	4	302	4.2	4.2	196	6.2	4.9	2.0	151	3.5	**	4.2	427	2.0	5.9	3.0	3	349	1.7	4.7	3.7
					5	193	5.3	5.3	126	7.8	6.1	2.5	97	4.3	**	5.3	274	2.5	7.3	3.7	4	196	2.3	6.2	4.9
					6	134	6.3	6.3	87	9.3	7.3	3.0	67	5.2	**	6.3	190	3.0	8.8	4.5	5	126	2.9	7.8	6.1
					7	99	7.4	7.4	64	10.9	8.5	3.5	49	6.1	**	7.4	140	3.5	10.3	5.2	6	87	3.5	9.3	7.3
					8	76	8.5	8.5	49	12.4	9.8	4.0	38	6.9	**	8.5	107	4.0	11.7	6.0	7	64	4.0	10.9	8.5

For 27K 80CRI fixtures, use 0.96 multiplier; For 27K 90CRI HC fixtures, use 0.83 multiplier.
For 30K 90CRI HC fixtures, use 0.85 multiplier; For 30K SPW fixtures, use 0.89 multiplier.
For 35K 80CRI fixtures, use 1.02 multiplier; For 35K 90CRI HC fixtures, use 0.90 multiplier;
For 35K SPW fixtures, use 0.90 multiplier.
For 40K 80CRI fixtures, use 1.04 multiplier; For 40K 90CRI HC fixtures, use 0.92 multiplier.

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