

Avant Garde

## 46W VERTICAL CYLINDER LED

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_



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 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 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 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 • 90 CRI versions are DesignLights Consortium® Qualified; HTEK option excluded • 90CRI and SPW 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.

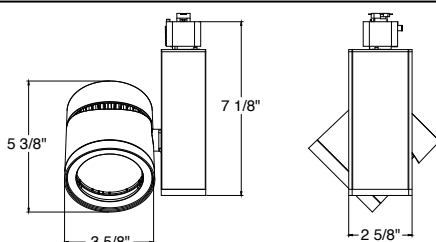
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

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)

Specifications subject to change without notice.

### DIMENSIONS



ConTech is a registered trademark of ConTech Lighting.



# TRAC-MASTER®

Avant Garde

## 46W VERTICAL CYLINDER LED

T387L G2

### 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	<b>(Blank)</b> Juno Universal 120V Track Adapter	<b>G2</b> Generation 2	<b>27K</b> 2700K	<b>80CRI</b> 80 CRI
	<b>HTEK<sup>1</sup></b> HTEK 277V Track Adapter		<b>30K</b> 3000K	<b>90CRI</b> 90 CRI
	<b>TEK</b> TEK 120V Track Adapter		<b>35K</b> 3500K	<b>SPW<sup>2</sup></b> SpectralWhite
	<b>GTYPE</b> G-Type Track Adapter		<b>40K</b> 4000K	
	<b>HTYPE</b> H-Type Track Adapter			
	<b>LTYPE</b> L-Type Track Adapter			
See page 5 for Direct Canopy Mount Option (CPY) specifications.				

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

Accessories (Order Separately)							
<b>HCLBL 300</b>	Hexcell Louver - Black	<b>DGF 275</b>	Dichroic Glass Filter	<b>SOLITE 275</b>	Uniformity Lens (Solite)	<b>TIR3 SPT</b>	TIR Optic – Spot
<b>SNOOTBL 275</b>	Snoot - Black			<b>PRISM 275</b>	Prismatic Spread Lens	<b>TIR3 NFLD</b>	TIR Optic – Narrow Flood
<b>EYEBROWBL 275</b>	Eyebrow - Black	<b>UVF 275</b>	UV Filter	<b>LSPREAD 275</b>	Linear Spread Lens	<b>TIR3 FLD</b>	TIR Optic – Flood
<b>CGF 275</b>	Color Glass Filter	<b>DIFF 275</b>	Diffusion Lens	<b>T40N<sup>3</sup></b>	Monopoint Canopy	<b>TIR3 WFLD</b>	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; if HTEK is selected, fixture is not DLC qualified.
- 3000K and 3500K only.
- Add finish code to complete catalog number (Example: T40N WH).



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## 46W VERTICAL CYLINDER LED

T387L G2

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

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:

<sup>1</sup> Performance data, including Rated Life, is based on measurements of an individual fixture operating at 120V in a 25°C ambient.

### ELECTRICAL DATA

Input Voltage	120V	277V
Input Current (max.)	0.43A	0.18A
Power Factor	>0.99	>0.97
T.H.D.	<10%	<20%



# TRAC-MASTER®

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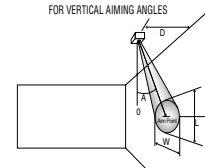
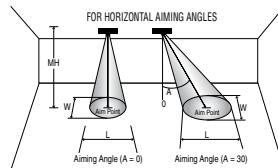
## 46W VERTICAL CYLINDER LED

T387L G2

### PHOTOMETRICS

**CBCP** • Centerbeam candlepower  
**FC** • Footcandles at beam center (aim point)

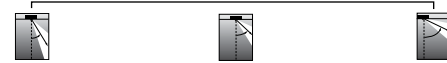
In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°, 1.732 for 60°).



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 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

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

CRI/CCT Multiplier		
CRI	CCT	Multiplier
80	27K	0.96
	30K	1.00
	35K	1.02
	40K	1.04
90	27K	0.83
	30K	0.85
	35K	0.90
	40K	0.92
SPW	30K	0.89
	35K	0.90

Avant Garde

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

## 46W VERTICAL CYLINDER LED

T387L G2



### DIRECT CANOPY MOUNT

#### 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. The Canopy Mount version is designed to mount over a standard j-box and is available with a variety of performance options including 277V operation, phase-dimming, and 0-10V dimming.



#### 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 or black 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.

**Electrical/Driver** Multi-volt (120-277V, 50/60Hz) phase-dimmable or 0-10V dimmable driver mounted in a vertical driver housing and assembled to a slim canopy • 0-10V dimming requires two (2) additional low-voltage wires to be pulled.

**Dimming** MVOLT versions are phase-dimmable (120V only) down to 10% or less using high quality, factory-approved dimmers - see [T387LG2-DIM](#) • MVOLT versions are also 0-10V dimmable down to as low as 1% and require two (2) additional low-voltage wires to be pulled.

**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.

**Mounting** Installs over a standard electrical j-box • Accent light is permanently, factory-assembled to the mounting canopy • Universal mounting plate accommodates octagon box and typical j-box mud rings • Mounting plate designed to be installed snug to mounting surface • May be ceiling or wall mounted in any orientation • Driver is assembled into vertical driver housing – see Dimensions section for canopy type and dimensions based on option selected • Canopy is securely tethered to mounting plate to facilitate wiring terminations.

**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 180° vertical aiming capability.

**Labels** UL and C-UL Damp Location Listed • 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.

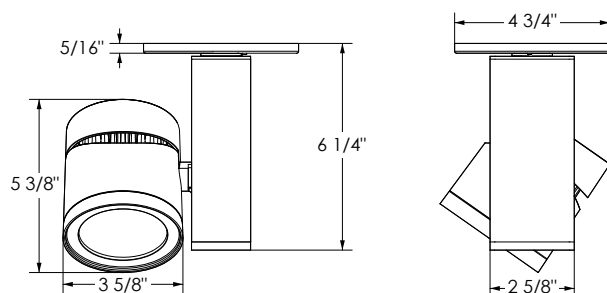
**Warranty** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-a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

#### DIMENSIONS





# TRAC-MASTER®

Avant Garde

## 46W VERTICAL CYLINDER LED

T387L G2

### DIRECT CANOPY MOUNT

#### ORDERING INFORMATION

Ordering Example: T387L CPY G2 30K 80CRI MVOLT NFL BL

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Input Voltage <sup>2</sup>
T387L 46W Vertical Cylinder LED	CPY Canopy Mounting	G2 Generation 2	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 80 CRI 90CRI 90 CRI SPW <sup>1</sup> SpectralWhite	MVOLT 120V/277V Operation

Distribution	Finish
SP Spot	BL Black
NFL Narrow Flood	WH White
FL Flood	
WFL Wide Flood	

Accessories (Order Separately)							
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			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:

- 3000K and 3500K only.
- MVOLT option can be either phase-dimmed (120V) or 0-10V dimmed.



# TRAC-MASTER®

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## 46W VERTICAL CYLINDER LED

### T387L G2

### DIRECT CANOPY MOUNT

#### ELECTRICAL DATA

Input Voltage	120V	277V
Input Wattage (typ.)	43.8	44.0
Input Current (max.)	0.41A	0.18A
Power Factor	>0.99	>0.97
T.H.D.	<10%	<20%

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

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T387L G2 27K 80CRI PDIM SP	120V	43.8	4247	92	50,000
T387L G2 27K 80CRI PDIM NFL	120V	43.8	4302	94	50,000
T387L G2 27K 80CRI PDIM FL	120V	43.8	4287	93	50,000
T387L G2 27K 80CRI PDIM WFL	120V	43.8	4204	91	50,000
T387L G2 27K 90CRI PDIM SP	120V	43.8	3659	80	50,000
T387L G2 27K 90CRI PDIM NFL	120V	43.8	3706	81	50,000
T387L G2 27K 90CRI PDIM FL	120V	43.8	3694	80	50,000
T387L G2 27K 90CRI PDIM WFL	120V	43.8	3621	79	50,000
T387L G2 30K 80CRI PDIM SP	120V	43.8	4408	96	50,000
T387L G2 30K 80CRI PDIM NFL	120V	43.8	4465	97	50,000
T387L G2 30K 80CRI PDIM FL	120V	43.8	4450	97	50,000
T387L G2 30K 80CRI PDIM WFL	120V	43.8	4363	95	50,000
T387L G2 30K 90CRI PDIM SP	120V	43.8	3753	82	50,000
T387L G2 30K 90CRI PDIM NFL	120V	43.8	3801	83	50,000
T387L G2 30K 90CRI PDIM FL	120V	43.8	3788	82	50,000
T387L G2 30K 90CRI PDIM WFL	120V	43.8	3714	81	50,000
T387L G2 30K SPW PDIM SP	120V	43.8	3925	85	50,000
T387L G2 30K SPW PDIM NFL	120V	43.8	3976	86	50,000
T387L G2 30K SPW PDIM FL	120V	43.8	3962	86	50,000
T387L G2 30K SPW PDIM WFL	120V	43.8	3885	84	50,000
T387L G2 35K 80CRI PDIM SP	120V	43.8	4509	98	50,000
T387L G2 35K 80CRI PDIM NFL	120V	43.8	4567	99	50,000
T387L G2 35K 80CRI PDIM FL	120V	43.8	4552	99	50,000
T387L G2 35K 80CRI PDIM WFL	120V	43.8	4463	97	50,000
T387L G2 35K 90CRI PDIM SP	120V	43.8	3967	86	50,000
T387L G2 35K 90CRI PDIM NFL	120V	43.8	4019	87	50,000
T387L G2 35K 90CRI PDIM FL	120V	43.8	4005	87	50,000
T387L G2 35K 90CRI PDIM WFL	120V	43.8	3927	85	50,000
T387L G2 35K SPW PDIM SP	120V	43.8	3967	86	50,000
T387L G2 35K SPW PDIM NFL	120V	43.8	4019	87	50,000
T387L G2 35K SPW PDIM FL	120V	43.8	4005	87	50,000
T387L G2 35K SPW PDIM WFL	120V	43.8	3927	85	50,000
T387L G2 40K 80CRI PDIM SP	120V	43.8	4592	100	50,000
T387L G2 40K 80CRI PDIM NFL	120V	43.8	4651	101	50,000
T387L G2 40K 80CRI PDIM FL	120V	43.8	4635	101	50,000
T387L G2 40K 80CRI PDIM WFL	120V	43.8	4545	99	50,000
T387L G2 40K 90CRI PDIM SP	120V	43.8	4055	88	50,000
T387L G2 40K 90CRI PDIM NFL	120V	43.8	4108	89	50,000
T387L G2 40K 90CRI PDIM FL	120V	43.8	4094	89	50,000
T387L G2 40K 90CRI PDIM WFL	120V	43.8	4014	87	50,000

Notes:

<sup>1</sup> Performance data, including Rated Life, is based on measurements of an individual fixture operating at 120V in a 25°C ambient.



# TRAC-MASTER®

Avant Garde

## 46W VERTICAL CYLINDER LED

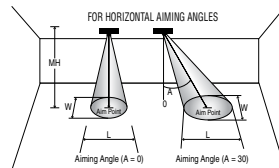
T387L G2

### DIRECT CANOPY MOUNT

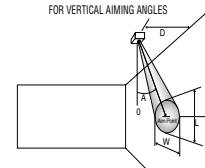
#### PHOTOMETRICS

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 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

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

CRI/CCT Multiplier		
CRI	CCT	Multiplier
80	27K	0.96
	30K	1.00
	35K	1.02
	40K	1.04
90	27K	0.83
	30K	0.85
	35K	0.90
	40K	0.92
SPW	30K	0.89
	35K	0.90