

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 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 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 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.

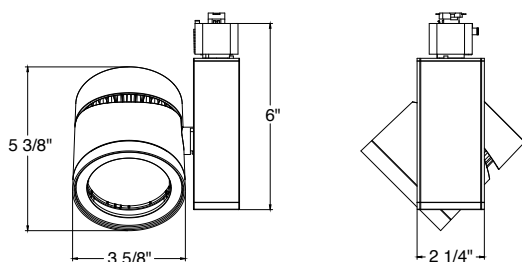
**Labels** UL and C-UL Listed • ENERGY STAR® certified • 80CRI and 90CRI versions are DesignLights Consortium® Qualified • 90CRI and 97CRI versions can be used to comply with California Title 24, Part 6 high efficacy LED light source requirements • Union made • Assembled in U.S.A.

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

## 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 | <b>(Blank)</b> Juno Universal 120V Trac Adapter | <b>G2</b> Generation 2 | <b>27K</b> 2700K  | <b>80CRI</b> 80 CRI                  |
|                                 | <b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter  |                        | <b>30K</b> 3000K  | <b>90CRI</b> 90 CRI                  |
|                                 | <b>TEK</b> TEK 120V Trac Adapter                |                        | <b>35K</b> 3500K  | <b>SPW<sup>2</sup></b> SpectralWhite |
|                                 | <b>GTYPE</b> G-Type Trac Adapter                |                        | <b>40K</b> 4000K  |                                      |
|                                 | <b>HTYPE</b> H-Type Trac Adapter                |                        |                   |                                      |
|                                 | <b>LTYPE</b> L-Type Trac Adapter                |                        |                   |                                      |

| 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                             |  |  |   |  |  |
|---|--|--|---|--|--|
| <b>HCLBL 300</b> Hexcell Louver - Black | <b>DCCF 275<sup>3</sup></b> Dichroic Color Correction Filter | <b>SOLITE 275</b> Uniformity Lens (Solite) | <b>TIR3 SPT</b> TIR Optic – Spot          |  |  |
| <b>SNOOTBL 275</b> Snoot - Black        | <b>UVF 275</b> UV Filter                                     | <b>PRISM 275</b> Prismatic Spread Lens     | <b>TIR3 NFLD</b> TIR Optic – Narrow Flood |  |  |
| <b>EYEBROWBL 275</b> Eyebrow - Black    | <b>DIFF 275</b> Diffusion Lens                               | <b>LSPREAD 275</b> Linear Spread Lens      | <b>TIR3 FLD</b> TIR Optic – Flood         |  |  |
| <b>CGF 275</b> Color Glass Filter       |  | <b>T40N<sup>4</sup></b> Monopoint Canopy   | <b>TIR3 WFLD</b> TIR Optic – Wide Flood   |  |  |
| <b>DGF 275</b> Dichroic Glass Filter    |  |  |   |  |  |

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.
- 3000K and 3500K only.
- DCCF 275 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- Add finish code to complete catalog number (Example: T40N WH).



## 30W VERTICAL CYLINDER LED

## T385L G2

PERFORMANCE DATA<sup>1</sup>

| Catalog Number              | Input Voltage | Input Watts (Typical) | Lumens | Efficacy (LPW) | Rated Life (Hours) |
|-----------------------------|---------------|-----------------------|--------|----------------|--------------------|
| T385L G2 27K 80CRI PDIM SP  | 120V          | 30.0                  | 2883   | 96             | 50,000             |
| T385L G2 27K 80CRI PDIM NFL | 120V          | 30.0                  | 2984   | 99             | 50,000             |
| T385L G2 27K 80CRI PDIM FL  | 120V          | 30.0                  | 3017   | 101            | 50,000             |
| T385L G2 27K 80CRI PDIM WFL | 120V          | 30.0                  | 2938   | 98             | 50,000             |
| T385L G2 27K 90CRI PDIM SP  | 120V          | 30.0                  | 2490   | 83             | 50,000             |
| T385L G2 27K 90CRI PDIM NFL | 120V          | 30.0                  | 2577   | 86             | 50,000             |
| T385L G2 27K 90CRI PDIM FL  | 120V          | 30.0                  | 2606   | 87             | 50,000             |
| T385L G2 27K 90CRI PDIM WFL | 120V          | 30.0                  | 2537   | 85             | 50,000             |
| T385L G2 30K 80CRI PDIM SP  | 120V          | 30.0                  | 2883   | 96             | 50,000             |
| T385L G2 30K 80CRI PDIM NFL | 120V          | 30.0                  | 2984   | 99             | 50,000             |
| T385L G2 30K 80CRI PDIM FL  | 120V          | 30.0                  | 3017   | 101            | 50,000             |
| T385L G2 30K 80CRI PDIM WFL | 120V          | 30.0                  | 2938   | 98             | 50,000             |
| T385L G2 30K 90CRI PDIM SP  | 120V          | 30.0                  | 2542   | 85             | 50,000             |
| T385L G2 30K 90CRI PDIM NFL | 120V          | 30.0                  | 2631   | 88             | 50,000             |
| T385L G2 30K 90CRI PDIM FL  | 120V          | 30.0                  | 2660   | 89             | 50,000             |
| T385L G2 30K 90CRI PDIM WFL | 120V          | 30.0                  | 2591   | 86             | 50,000             |
| 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             |
| T385L G2 35K 80CRI PDIM NFL | 120V          | 30.0                  | 3160   | 105            | 50,000             |
| T385L G2 35K 80CRI PDIM FL  | 120V          | 30.0                  | 3195   | 107            | 50,000             |
| T385L G2 35K 80CRI PDIM WFL | 120V          | 30.0                  | 3112   | 104            | 50,000             |
| T385L G2 35K 90CRI PDIM SP  | 120V          | 30.0                  | 2700   | 90             | 50,000             |
| T385L G2 35K 90CRI PDIM NFL | 120V          | 30.0                  | 2794   | 93             | 50,000             |
| T385L G2 35K 90CRI PDIM FL  | 120V          | 30.0                  | 2825   | 94             | 50,000             |
| T385L G2 35K 90CRI PDIM WFL | 120V          | 30.0                  | 2751   | 92             | 50,000             |
| 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             |
| T385L G2 40K 80CRI PDIM NFL | 120V          | 30.0                  | 3215   | 107            | 50,000             |
| T385L G2 40K 80CRI PDIM FL  | 120V          | 30.0                  | 3250   | 108            | 50,000             |
| T385L G2 40K 80CRI PDIM WFL | 120V          | 30.0                  | 3165   | 106            | 50,000             |
| T385L G2 40K 90CRI PDIM SP  | 120V          | 30.0                  | 2752   | 92             | 50,000             |
| T385L G2 40K 90CRI PDIM NFL | 120V          | 30.0                  | 2848   | 95             | 50,000             |
| T385L G2 40K 90CRI PDIM FL  | 120V          | 30.0                  | 2880   | 96             | 50,000             |
| T385L G2 40K 90CRI PDIM WFL | 120V          | 30.0                  | 2804   | 93             | 50,000             |

## ELECTRICAL DATA

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

## Notes:

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

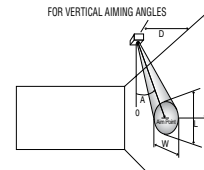
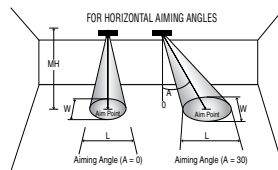
**30W VERTICAL CYLINDER LED**

**T385L G2**

**PHOTOMETRICS**

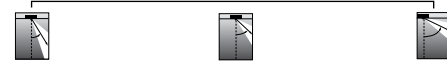
CBCP • Centerbeam candlepower  
 FC • Footcandles at beam center (aim point)

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 |
| 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'.