

JUNO**TRAC-MASTER**

Avant Garde

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

1 1W VERTICAL CYLINDER LED**T381L 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 11W 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 11W Vertical Cylinder LED can deliver up to 1249 lumens, at efficacies up to 114 LPW and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 11W 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, with an R9 value greater than 50 • 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 [T381LG2-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.

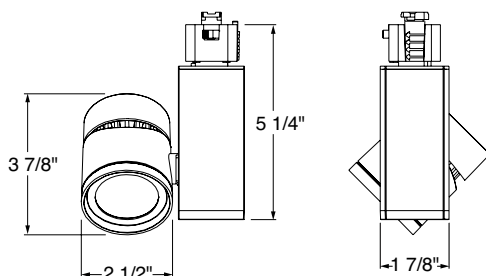
Alternate LTYPE Trac Adapter Compatible with track systems which use a L-type track adapter • System specific and assembled to trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

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 • DesignLights Consortium® qualified • Union made • Assembled in U.S.A.

Warranty 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx. Specifications subject to change without notice.

DIMENSIONS

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1 1W VERTICAL CYLINDER LED

T381L G2

ORDERING INFORMATION

Ordering Example: T381L G2 30K SPW PDIM NFL WH

| Series | Mounting Adapter Type | Generation | Color Temperature | Color Rendering Index |
|----------------------------------|---|------------------------|-------------------|--------------------------------------|
| T381L 1 1W Vertical Cylinder LED | (Blank) Juno Universal 120V Trac Adapter | G2 Generation 2 | 27K 2700K | 80CRI 80 CRI |
| | HTEK¹ HTEK 277V Trac Adapter | | 30K 3000K | 90CRI 90 CRI |
| | TEK TEK 120V Trac Adapter | | 35K 3500K | SPW² SpectralWhite |
| | GTYPE G-Type Trac Adapter | | 40K 4000K | |
| | HTYPE H-Type Trac Adapter | | | |
| | LTYPE L-Type Trac Adapter | | | |

| Dimming Compatibility | Distribution | Finish |
|---|-------------------------|------------------|
| OFF¹ 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 200 Hexcell Louver - Black | DGF 200 Dichroic Glass Filters | SOLITE 200 Uniformity Lens | TIR1 SPT TIR Optic - Spot | | | | |
| SNOOTBL 200 Snoot - Black | DCCF 200³ Dichroic Color Correction Filter | PRISM 200 Prismatic Spread Lens | TIR1 NFLD TIR Optic - Narrow Flood | | | | |
| EYEBROWBL 200 Eyebrow - Black | UVF 200 UV Filter | LSPREAD 200 Linear Spread Lens | TIR1 FLD TIR Optic - Flood | | | | |
| CGF 200 Color Glass Filters | DIFF 200 Diffusion Lens | T40N⁴ 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:

- HTEK versions available with OFF option only, and OFF option available with HTEK version only.
- 3000K and 3500K only.
- DCCF 200 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- Add finish code to complete catalog number (Example: T40N WH).



1 1W VERTICAL CYLINDER LED

T381L G2

PERFORMANCE DATA¹

| Catalog Number | Input Voltage | Input Watts (Typical) | Lumens | Efficacy (LPW) | Rated Life (Hours) |
|-----------------------------|---------------|-----------------------|--------|----------------|--------------------|
| T381L G2 27K 80CRI PDIM SP | 120V | 11.0 | 1142 | 104 | 50,000 |
| T381L G2 27K 80CRI PDIM NFL | 120V | 11.0 | 1121 | 102 | 50,000 |
| T381L G2 27K 80CRI PDIM FL | 120V | 11.0 | 1159 | 105 | 50,000 |
| T381L G2 27K 80CRI PDIM WFL | 120V | 11.0 | 1063 | 97 | 50,000 |
| T381L G2 27K 90CRI PDIM SP | 120V | 11.0 | 986 | 90 | 50,000 |
| T381L G2 27K 90CRI PDIM NFL | 120V | 11.0 | 968 | 88 | 50,000 |
| T381L G2 27K 90CRI PDIM FL | 120V | 11.0 | 1001 | 91 | 50,000 |
| T381L G2 27K 90CRI PDIM WFL | 120V | 11.0 | 918 | 83 | 50,000 |
| T381L G2 30K 80CRI PDIM SP | 120V | 11.0 | 1142 | 104 | 50,000 |
| T381L G2 30K 80CRI PDIM NFL | 120V | 11.0 | 1121 | 102 | 50,000 |
| T381L G2 30K 80CRI PDIM FL | 120V | 11.0 | 1159 | 105 | 50,000 |
| T381L G2 30K 80CRI PDIM WFL | 120V | 11.0 | 1063 | 97 | 50,000 |
| T381L G2 30K 90CRI PDIM SP | 120V | 11.0 | 1007 | 92 | 50,000 |
| T381L G2 30K 90CRI PDIM NFL | 120V | 11.0 | 989 | 90 | 50,000 |
| T381L G2 30K 90CRI PDIM FL | 120V | 11.0 | 1022 | 93 | 50,000 |
| T381L G2 30K 90CRI PDIM WFL | 120V | 11.0 | 937 | 85 | 50,000 |
| T381L G2 30K SPW PDIM SP | 120V | 11.0 | 1054 | 96 | 50,000 |
| T381L G2 30K SPW PDIM NFL | 120V | 11.0 | 1034 | 94 | 50,000 |
| T381L G2 30K SPW PDIM FL | 120V | 11.0 | 1069 | 97 | 50,000 |
| T381L G2 30K SPW PDIM WFL | 120V | 11.0 | 981 | 89 | 50,000 |
| T381L G2 35K 80CRI PDIM SP | 120V | 11.0 | 1209 | 110 | 50,000 |
| T381L G2 35K 80CRI PDIM NFL | 120V | 11.0 | 1187 | 108 | 50,000 |
| T381L G2 35K 80CRI PDIM FL | 120V | 11.0 | 1227 | 112 | 50,000 |
| T381L G2 35K 80CRI PDIM WFL | 120V | 11.0 | 1126 | 102 | 50,000 |
| T381L G2 35K 90CRI PDIM SP | 120V | 11.0 | 1069 | 97 | 50,000 |
| T381L G2 35K 90CRI PDIM NFL | 120V | 11.0 | 1050 | 95 | 50,000 |
| T381L G2 35K 90CRI PDIM FL | 120V | 11.0 | 1085 | 99 | 50,000 |
| T381L G2 35K 90CRI PDIM WFL | 120V | 11.0 | 995 | 90 | 50,000 |
| T381L G2 35K SPW PDIM SP | 120V | 11.0 | 1080 | 98 | 50,000 |
| T381L G2 35K SPW PDIM NFL | 120V | 11.0 | 1060 | 96 | 50,000 |
| T381L G2 35K SPW PDIM FL | 120V | 11.0 | 1096 | 100 | 50,000 |
| T381L G2 35K SPW PDIM WFL | 120V | 11.0 | 1005 | 91 | 50,000 |
| T381L G2 40K 80CRI PDIM SP | 120V | 11.0 | 1230 | 112 | 50,000 |
| T381L G2 40K 80CRI PDIM NFL | 120V | 11.0 | 1208 | 110 | 50,000 |
| T381L G2 40K 80CRI PDIM FL | 120V | 11.0 | 1249 | 114 | 50,000 |
| T381L G2 40K 80CRI PDIM WFL | 120V | 11.0 | 1145 | 104 | 50,000 |
| T381L G2 40K 90CRI PDIM SP | 120V | 11.0 | 1090 | 99 | 50,000 |
| T381L G2 40K 90CRI PDIM NFL | 120V | 11.0 | 1070 | 97 | 50,000 |
| T381L G2 40K 90CRI PDIM FL | 120V | 11.0 | 1106 | 101 | 50,000 |
| T381L G2 40K 90CRI PDIM WFL | 120V | 11.0 | 1015 | 92 | 50,000 |

ELECTRICAL DATA

| | |
|----------------------|-------|
| Input Voltage | 120V |
| Input Current (max.) | 0.10A |
| Power Factor | >0.90 |
| T.H.D. | <20% |

Notes:

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

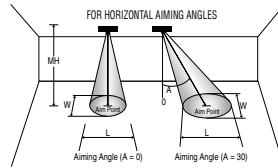
1 1W VERTICAL CYLINDER LED

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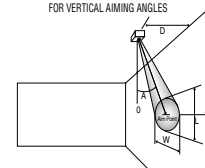
PHOTOMETRICS

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° | | 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 11W LED, 30K, 80CRI Spot | SP | 16° | 50000 | 10952 | 6 | 304 | 1.7 | 1.7 | 198 | 2.2 | 1.9 | 3 | 152 | 5.2 | 3.6 | 1.7 | 430 | 3.0 | 1.7 | 1.2 | 6 | 198 | 3.5 | 2.2 | 1.9 |
| | | | | | 8 | 171 | 2.2 | 2.2 | 111 | 3.0 | 2.6 | 4 | 86 | 6.9 | 4.7 | 2.2 | 242 | 4.0 | 2.3 | 1.6 | 8 | 111 | 4.6 | 3.0 | 2.6 |
| | | | | | 10 | 110 | 2.8 | 2.8 | 71 | 3.7 | 3.2 | 5 | 55 | 8.7 | 5.9 | 2.8 | 155 | 5.0 | 2.8 | 2.0 | 10 | 71 | 5.8 | 3.7 | 3.2 |
| | | | | | 12 | 76 | 3.4 | 3.4 | 49 | 4.5 | 3.9 | 6 | 38 | 10.4 | 7.1 | 3.4 | 108 | 6.0 | 3.4 | 2.4 | 12 | 49 | 6.9 | 4.5 | 3.9 |
| | | | | | 14 | 56 | 3.9 | 3.9 | 36 | 5.2 | 4.5 | 7 | 28 | 12.1 | 8.3 | 3.9 | 79 | 7.0 | 4.0 | 2.8 | 14 | 36 | 8.1 | 5.2 | 4.5 |
| Vertical Cylinder 11W LED, 30K, 80CRI Narrow Flood | NFL | 26° | 50000 | 4637 | 4 | 290 | 1.9 | 1.9 | 188 | 2.5 | 2.1 | 2 | 145 | 3.5 | 4.4 | 1.9 | 410 | 2.0 | 2.0 | 1.3 | 4 | 188 | 2.3 | 2.5 | 2.1 |
| | | | | | 6 | 129 | 2.8 | 2.8 | 84 | 3.8 | 3.2 | 3 | 64 | 5.2 | 6.7 | 2.8 | 182 | 3.0 | 3.0 | 2.0 | 6 | 84 | 3.5 | 3.8 | 3.2 |
| | | | | | 8 | 72 | 3.7 | 3.7 | 47 | 5.1 | 4.3 | 4 | 36 | 6.9 | 8.9 | 3.7 | 102 | 4.0 | 3.9 | 2.6 | 8 | 47 | 4.6 | 5.1 | 4.3 |
| | | | | | 10 | 46 | 4.7 | 4.7 | 30 | 6.3 | 5.4 | 5 | 23 | 8.7 | 11.1 | 4.7 | 66 | 5.0 | 4.9 | 3.3 | 10 | 30 | 5.8 | 6.3 | 5.4 |
| | | | | | 12 | 32 | 5.6 | 5.6 | 21 | 7.6 | 6.4 | 6 | 16 | 10.4 | 13.3 | 5.6 | 46 | 6.0 | 5.9 | 3.9 | 12 | 21 | 6.9 | 7.6 | 6.4 |
| Vertical Cylinder 11W LED, 30K, 80CRI Flood | FL | 38° | 50000 | 2693 | 4 | 168 | 2.7 | 2.7 | 109 | 3.8 | 3.2 | 1 | 337 | 1.7 | 4.2 | 1.4 | 952 | 1.0 | 1.5 | 1.0 | 3 | 194 | 1.7 | 2.8 | 2.4 |
| | | | | | 5 | 108 | 3.4 | 3.4 | 70 | 4.7 | 3.9 | 2 | 84 | 3.5 | 8.4 | 2.7 | 238 | 2.0 | 3.1 | 1.9 | 4 | 109 | 2.3 | 3.8 | 3.2 |
| | | | | | 6 | 75 | 4.1 | 4.1 | 49 | 5.7 | 4.7 | 3 | 37 | 5.2 | 12.6 | 4.1 | 106 | 3.0 | 4.6 | 2.9 | 5 | 70 | 2.9 | 4.7 | 3.9 |
| | | | | | 7 | 55 | 4.8 | 4.8 | 36 | 6.6 | 5.5 | 4 | 21 | 6.9 | 16.8 | 5.5 | 60 | 4.0 | 6.2 | 3.9 | 6 | 49 | 3.5 | 5.7 | 4.7 |
| | | | | | 8 | 42 | 5.5 | 5.5 | 27 | 7.6 | 6.3 | 5 | 13 | 8.7 | 21.0 | 6.8 | 38 | 5.0 | 7.7 | 4.8 | 7 | 36 | 4.0 | 6.6 | 5.5 |
| Vertical Cylinder 11W LED, 30K, 80CRI Wide Flood | WFL | 51° | 50000 | 1304 | 2 | 326 | 1.9 | 1.9 | 212 | 2.7 | 2.2 | 1.0 | 163 | 1.7 | 11.5 | 1.9 | 461 | 1.0 | 2.4 | 1.3 | 2 | 212 | 1.2 | 2.7 | 2.2 |
| | | | | | 3 | 145 | 2.8 | 2.8 | 94 | 4.1 | 3.3 | 1.5 | 72 | 2.6 | 17.2 | 2.8 | 205 | 1.5 | 3.7 | 2.0 | 3 | 94 | 1.7 | 4.1 | 3.3 |
| | | | | | 4 | 82 | 3.8 | 3.8 | 53 | 5.4 | 4.4 | 2.0 | 41 | 3.5 | 22.9 | 3.8 | 115 | 2.0 | 4.9 | 2.7 | 4 | 53 | 2.3 | 5.4 | 4.4 |
| | | | | | 5 | 52 | 4.7 | 4.7 | 34 | 6.8 | 5.5 | 2.5 | 26 | 4.3 | ** | 4.7 | 74 | 2.5 | 6.1 | 3.3 | 5 | 34 | 2.9 | 6.8 | 5.5 |
| | | | | | 6 | 36 | 5.7 | 5.7 | 24 | 8.2 | 6.5 | 3.0 | 18 | 5.2 | ** | 5.7 | 51 | 3.0 | 7.3 | 4.0 | 6 | 24 | 3.5 | 8.2 | 6.5 |

For 27K 80CRI fixtures, use 1.00 multiplier; For 27K 90CRI fixtures, use 0.86 multiplier.
 For 30K 90CRI 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'.