


TRAC-MASTER®

Avant Garde

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

11W/16W 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/16W 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/16W 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/16W Vertical Cylinder LED is compatible with all Juno line voltage track and standard adapter accessories. Also available in WarmDim® versions that mimic halogen 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, 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 for static white versions, within a 2-step MacAdam Ellipse for WarmDim versions • 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 • Optional WarmDim versions offer 90 CRI minimum and mimic halogen dimming (3000K - 1800K).

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 • Fixtures are dimmable using high quality reverse phase ELV dimmers approved by Juno – see [T381L-G2-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Class B FCC Part 15 rated.

Optics - Static White 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.

Optics - WarmDim Computer-designed custom TIR optic combines with a high-efficiency micro-optic film to create uniform spot, narrow flood, flood or wide flood beam spreads • Accessory films available to enable beam changes in the field - consult factory • 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 • 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 fixture 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 one accessory if desired.

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

Labels UL and C-UL Listed • ENERGY STAR® certified • 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 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

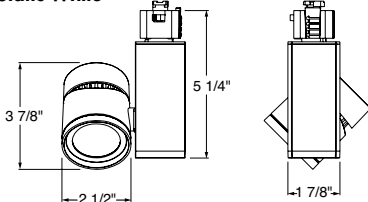
Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

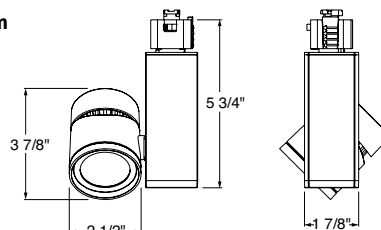
Specifications subject to change without notice.

DIMENSIONS

Static White



WarmDim



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11W/16W 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 | Dimming Compatibility | Distribution | Finish |
|--|--|------------------------|--|--|---|---|--|
| T381L 11W Vertical Cylinder LED | (Blank) Juno Universal 120V Track Adapter HTEK¹ HTEK 277V Track Adapter TEK TEK 120V Track Adapter GTYPE G-Type Track Adapter HTYPE H-Type Track Adapter LTYPE L-Type Track Adapter See page 5 for Direct Canopy Mount Option (CPY) specifications. | G2 Generation 2 | 27K 2700K 30K 3000K 35K 3500K 40K 4000K | 80CRI 80 CRI 90CRI 90 CRI SPW² SpectralWhite | OFF¹ On/Off (Non-Dimming) PDIM Phase Dimmable | SP Spot NFL Narrow Flood FL Flood WFL Wide Flood | BL Black SL Silver WH White |

Ordering Example: T381L HTYPE G2 WDIM HALR 90CRI PDIM FL BL

| Series | Mounting Adapter Type | Generation | Color Temperature | Color Rendering Index | Dimming Compatibility | Distribution | Finish |
|--|--|------------------------|---------------------------------------|-----------------------|----------------------------|---|--|
| T381L 16W Vertical Cylinder LED WarmDim | (Blank) Juno Universal 120V Track Adapter TEK TEK 120V Track Adapter GTYPE G-Type Track Adapter HTYPE H-Type Track Adapter LTYPE L-Type Track Adapter | G2 Generation 2 | WDIM HALR WarmDim® 3000K-1800K | 90CRI 90 CRI | PDIM Phase Dimmable | SP Spot NFL Narrow Flood FL Flood WFL Wide Flood | BL Black SL Silver WH White |

| Accessories (Order Separately) | | | | | | | |
|--------------------------------|------------------------|-----------------------------|----------------------------------|-------------------------|-----------------------|------------------------------|--------------------------|
| HCLBL 200 | Hexcell Louver - Black | DCCF 200³ | Dichroic Color Correction Filter | PRISM 200 | Prismatic Spread Lens | TIR1 SPT⁵ | TIR Optic - Spot |
| SNOOTBL 200 | Snoot - Black | UVF 200 | UV Filter | LSPREAD 200 | Linear Spread Lens | TIR1 NFLD⁵ | TIR Optic - Narrow Flood |
| CGF 200 | Color Glass Filters | DIFF 200 | Diffusion Lens | T40N⁴ | Monopoint Canopy | TIR1 FLD⁵ | TIR Optic - Flood |
| DGF 200 | Dichroic Glass Filters | SOLITE 200 | Uniformity Lens | | | TIR5 WFLD⁵ | 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 available with HTEK version only.

² 3000K and 3500K only.

³ DCCF 200 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

⁴ Add finish code to complete catalog number (Example: T40N WH).

⁵ Compatible with static white versions only; contact factory for optical films to change beam spreads in WarmDim versions.


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11W/16W 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 |
| T381L G2 WDIM HALR 90CRI SP (Full-On) | 120V | 15.8 | 1074 | 68 | 50,000 |
| T381L G2 WDIM HALR 90CRI NFL (Full-On) | 120V | 15.8 | 1128 | 71 | 50,000 |
| T381L G2 WDIM HALR 90CRI FL (Full-On) | 120V | 15.8 | 1067 | 68 | 50,000 |
| T381L G2 WDIM HALR 90CRI WFL (Full-On) | 120V | 15.8 | 1085 | 69 | 50,000 |

Notes:

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

ELECTRICAL DATA

| | Static White | |
|----------------------|--------------|-------|
| Input Voltage | 120V | 277V |
| Input Current (max.) | 0.12A | 0.05A |
| Power Factor | >0.99 | >0.96 |
| T.H.D. | <10% | <20% |

| | WarmDim | |
|----------------------|---------|-------|
| Input Voltage | 120V | 277V |
| Input Current (max.) | 0.15A | 0.07A |
| Power Factor | >0.99 | >0.96 |
| T.H.D. | <10% | <20% |

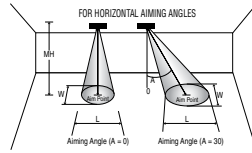
11W/16W VERTICAL CYLINDER LED

T381L G2

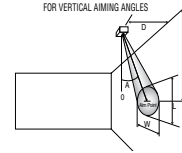
PHOTOMETRICS

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

| Static White 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 |





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

| CRI/CCT Multiplier | | |
|--------------------|-----|------------|
| CRI | CCT | Multiplier |
| 80 | 27K | 1.00 |
| | 30K | 1.00 |
| | 35K | 1.06 |
| | 40K | 1.08 |
| 90 | 27K | 0.86 |
| | 30K | 0.82 |
| | 35K | 0.94 |
| | 40K | 0.95 |
| SPW | 30K | 0.92 |
| | 35K | 0.95 |

11W/16W VERTICAL CYLINDER LED

T381L G2

PHOTOMETRICS

| WarmDim 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 16W LED WarmDim Spot | SP | 20°  | 50000 | 5239 | 6 | 146 | 2.1 | 2.1 | 95 | 2.8 | 2.4 | 3 | 73 | 5.2 | 4.6 | 2.1 | 206 | 3.0 | 2.1 | 1.5 | 6 | 95 | 3.5 | 2.8 | 2.4 |
| | | | | | 8 | 82 | 2.8 | 2.8 | 53 | 3.7 | 3.2 | 4 | 41 | 6.9 | 6.1 | 2.8 | 116 | 4.0 | 2.8 | 2.0 | 8 | 53 | 4.6 | 3.7 | 3.2 |
| | | | | | 10 | 52 | 3.5 | 3.5 | 34 | 4.7 | 4.0 | 5 | 26 | 8.7 | 7.6 | 3.5 | 74 | 5.0 | 3.6 | 2.4 | 10 | 34 | 5.8 | 4.7 | 4.0 |
| | | | | | 12 | 36 | 4.1 | 4.1 | 24 | 5.6 | 4.8 | 6 | 18 | 10.4 | 9.1 | 4.1 | 51 | 6.0 | 4.3 | 2.9 | 12 | 24 | 6.9 | 5.6 | 4.8 |
| | | | | | 14 | 27 | 4.8 | 4.8 | 17 | 6.5 | 5.6 | 7 | 13 | 12.1 | 10.6 | 4.8 | 38 | 7.0 | 5.0 | 3.4 | 14 | 17 | 8.1 | 6.5 | 5.6 |
| Vertical Cylinder 16W LED WarmDim Narrow Flood | NFL | 23°  | 50000 | 4560 | 4 | 285 | 1.6 | 1.6 | 185 | 2.2 | 1.8 | 2.0 | 143 | 3.5 | 3.6 | 1.6 | 403 | 2.0 | 1.7 | 1.1 | 4 | 185 | 2.3 | 2.2 | 1.8 |
| | | | | | 6 | 127 | 2.4 | 2.4 | 82 | 3.2 | 2.8 | 2.5 | 91 | 4.3 | 4.5 | 2.0 | 258 | 2.5 | 2.1 | 1.4 | 6 | 82 | 3.5 | 3.2 | 2.8 |
| | | | | | 8 | 71 | 3.2 | 3.2 | 46 | 4.3 | 3.7 | 3.0 | 63 | 5.2 | 5.4 | 2.4 | 179 | 3.0 | 2.5 | 1.7 | 8 | 46 | 4.6 | 4.3 | 3.7 |
| | | | | | 10 | 46 | 4.0 | 4.0 | 30 | 5.4 | 4.6 | 3.5 | 47 | 6.1 | 6.4 | 2.8 | 132 | 3.5 | 2.9 | 2.0 | 10 | 30 | 5.8 | 5.4 | 4.6 |
| | | | | | 12 | 32 | 4.8 | 4.8 | 21 | 6.5 | 5.5 | 4.0 | 36 | 6.9 | 7.3 | 3.2 | 101 | 4.0 | 3.3 | 2.3 | 12 | 21 | 6.9 | 6.5 | 5.5 |
| Vertical Cylinder 16W LED WarmDim Flood | FL | 35°  | 50000 | 2269 | 4 | 142 | 2.5 | 2.5 | 92 | 3.5 | 2.9 | 1.0 | 284 | 1.7 | 3.6 | 1.3 | 802 | 1.0 | 1.4 | 0.9 | 3 | 164 | 1.7 | 2.6 | 2.2 |
| | | | | | 5 | 91 | 3.1 | 3.1 | 59 | 4.3 | 3.6 | 1.5 | 126 | 2.6 | 5.3 | 1.9 | 357 | 1.5 | 2.1 | 1.3 | 4 | 92 | 2.3 | 3.5 | 2.9 |
| | | | | | 6 | 63 | 3.8 | 3.8 | 41 | 5.2 | 4.3 | 2.0 | 71 | 3.5 | 7.1 | 2.5 | 201 | 2.0 | 2.8 | 1.8 | 5 | 59 | 2.9 | 4.3 | 3.6 |
| | | | | | 7 | 46 | 4.4 | 4.4 | 30 | 6.0 | 5.1 | 2.5 | 45 | 4.3 | 8.9 | 3.1 | 128 | 2.5 | 3.5 | 2.2 | 6 | 41 | 3.5 | 5.2 | 4.3 |
| | | | | | 8 | 35 | 5.0 | 5.0 | 23 | 6.9 | 5.8 | 3.0 | 32 | 5.2 | 10.7 | 3.8 | 89 | 3.0 | 4.2 | 2.7 | 7 | 30 | 4.0 | 6.0 | 5.1 |
| Vertical Cylinder 16W LED WarmDim Wide Flood | WFL | 54°  | 50000 | 1196 | 2 | 299 | 2.0 | 2.0 | 194 | 2.9 | 2.3 | 1.0 | 150 | 1.7 | 17.2 | 2.0 | 423 | 1.0 | 2.7 | 1.4 | 2 | 194 | 1.2 | 2.9 | 2.3 |
| | | | | | 3 | 133 | 3.0 | 3.0 | 86 | 4.4 | 3.5 | 1.5 | 66 | 2.6 | ** | 3.0 | 188 | 1.5 | 4.1 | 2.1 | 3 | 86 | 1.7 | 4.4 | 3.5 |
| | | | | | 4 | 75 | 4.0 | 4.0 | 49 | 5.9 | 4.7 | 2.0 | 37 | 3.5 | ** | 4.0 | 106 | 2.0 | 5.4 | 2.9 | 4 | 49 | 2.3 | 5.9 | 4.7 |
| | | | | | 5 | 48 | 5.1 | 5.1 | 31 | 7.4 | 5.8 | 2.5 | 24 | 4.3 | ** | 5.1 | 68 | 2.5 | 6.8 | 3.6 | 5 | 31 | 2.9 | 7.4 | 5.8 |
| | | | | | 6 | 33 | 6.1 | 6.1 | 22 | 8.8 | 7.0 | 3.0 | 17 | 5.2 | ** | 6.1 | 47 | 3.0 | 8.1 | 4.3 | 6 | 22 | 3.5 | 8.8 | 7.0 |

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


TRAC-MASTER®

Avant Garde

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

11W/16W VERTICAL CYLINDER LED

T381L 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 11W/16W 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/16W Vertical Cylinder LED can deliver up to 1249 lumens, at efficacies up to 114 LPW 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, 347V 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 for static white versions, within a 2-step MacAdam Ellipse for WarmDim versions • 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 • Optional WarmDim versions offer 90 CRI minimum and mimic halogen dimming (3000K - 1800K).

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 • Optional 347V 0-10V dimmable driver mounted in a deep 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 [T381L-G2-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 • 347V versions are 0-10V dimmable down to as low as 1% and require two (2) additional low-voltage wires to be pulled.

Optics - Static White 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.

Optics - WarmDim Computer-designed custom TIR optic combines with a high-efficiency micro-optic film to create uniform spot, narrow flood, flood or wide flood beam spreads • Accessory films available to enable beam changes in the field - consult factory • 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 for MVOLT versions or into deep mounting canopy for 347V versions – 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 one accessory 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 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

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.

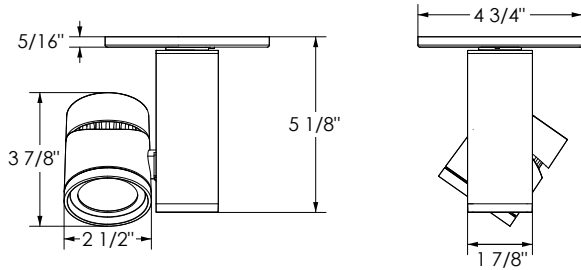
11W/16W VERTICAL CYLINDER LED

T381L G2

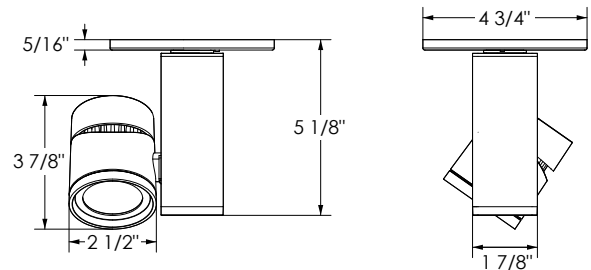
DIRECT CANOPY MOUNT

DIMENSIONS

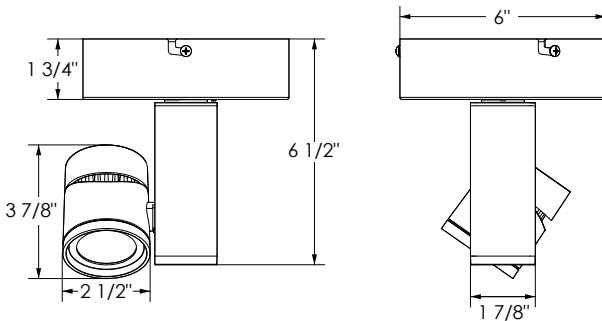
Static White – Slim Canopy (MVOLT 120-277V Versions)



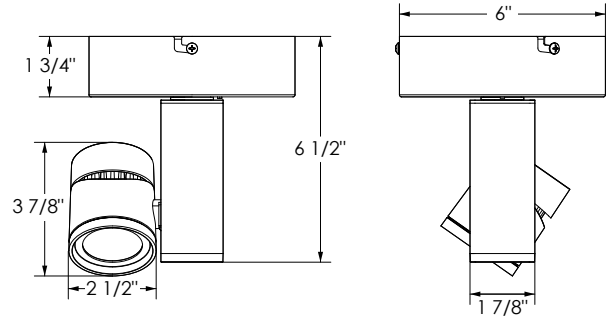
WarmDim – Slim Canopy (MVOLT 120-277V Versions)



Static White – Deep Canopy (347V Versions)



WarmDim – Deep Canopy (347V Versions)




TRAC-MASTER®

Avant Garde

11W/16W VERTICAL CYLINDER LED

T381L G2
DIRECT CANOPY MOUNT

ORDERING INFORMATION

Ordering Example: T381L CPY G2 30K 80CRI MVOLT NFL BL

| Series | Mounting Adapter Type | Generation | Color Temperature | Color Rendering Index | Input Voltage ⁴ |
|--|----------------------------|------------------------|--|--|---|
| T381L 11W Vertical Cylinder LED | CPY Canopy Mounting | G2 Generation 2 | 27K 2700K 30K 3000K 35K 3500K 40K 4000K | 80CRI 80 CRI 90CRI 90 CRI SPW ¹ Spectral/White | MVOLT 120V/277V Operation 347 347V Operation |

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

Ordering Example: T381L CPY G2 WDIM HALR 90CRI MVOLT NFL BL

| Series | Mounting Adapter Type | Generation | Color Temperature | Color Rendering Index | Input Voltage ⁴ |
|--|----------------------------|------------------------|---------------------------------------|-----------------------|---|
| T381L 16W Vertical Cylinder LED WarmDim | CPY Canopy Mounting | G2 Generation 2 | WDIM HALR WarmDim® 3000K-1800K | 90CRI 90 CRI | MVOLT 120V/277V Operation 347 347V Operation |

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

| Accessories (Order Separately) | | | | | | | |
|--------------------------------|------------------------|------------------------------|----------------------------------|--------------------|-----------------------|-------------------------------|--------------------------|
| HCLBL 200 | Hexcell Louver - Black | DCCF 200 ² | Dichroic Color Correction Filter | PRISM 200 | Prismatic Spread Lens | TIR1 SPT ³ | TIR Optic – Spot |
| SNOOTBL 200 | Snoot - Black | UVF 200 | UV Filter | LSPREAD 200 | Linear Spread Lens | TIR1 NFLD ³ | TIR Optic - Narrow Flood |
| CGF 200 | Color Glass Filters | DIFF 200 | Diffusion Lens | | | TIR1 FLD ³ | TIR Optic – Flood |
| DGF 200 | Dichroic Glass Filters | SOLITE 200 | Uniformity Lens | | | TIR5 WFLD ³ | 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 3000K and 3500K only.

2 DCCF 200 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.

3 Compatible with static white versions only; contact factory for optical films to change beam spreads in WarmDim versions.

4 MVOLT option can be either phase-dimmed (120V) or 0-10V dimmed; 347V option is 0-10V dimming only.


TRAC-MASTER®

Avant Garde

11W/16W VERTICAL CYLINDER LED

T381L G2
DIRECT CANOPY MOUNT
PERFORMANCE DATA¹

| Catalog Number | Input Voltage | Input Watts (Typical) | Lumens | Efficacy (LPW) | Rated Life (Hours) |
|--|---------------|-----------------------|--------|----------------|--------------------|
| T381L G2 27K 80CRI PDIM SP | 120V | 10.5 | 1142 | 104 | 50,000 |
| T381L G2 27K 80CRI PDIM NFL | 120V | 10.5 | 1121 | 102 | 50,000 |
| T381L G2 27K 80CRI PDIM FL | 120V | 10.5 | 1159 | 105 | 50,000 |
| T381L G2 27K 80CRI PDIM WFL | 120V | 10.5 | 1063 | 97 | 50,000 |
| T381L G2 27K 90CRI PDIM SP | 120V | 10.5 | 986 | 90 | 50,000 |
| T381L G2 27K 90CRI PDIM NFL | 120V | 10.5 | 968 | 88 | 50,000 |
| T381L G2 27K 90CRI PDIM FL | 120V | 10.5 | 1001 | 91 | 50,000 |
| T381L G2 27K 90CRI PDIM WFL | 120V | 10.5 | 918 | 83 | 50,000 |
| T381L G2 30K 80CRI PDIM SP | 120V | 10.5 | 1142 | 104 | 50,000 |
| T381L G2 30K 80CRI PDIM NFL | 120V | 10.5 | 1121 | 102 | 50,000 |
| T381L G2 30K 80CRI PDIM FL | 120V | 10.5 | 1159 | 105 | 50,000 |
| T381L G2 30K 80CRI PDIM WFL | 120V | 10.5 | 1063 | 97 | 50,000 |
| T381L G2 30K 90CRI PDIM SP | 120V | 10.5 | 1007 | 92 | 50,000 |
| T381L G2 30K 90CRI PDIM NFL | 120V | 10.5 | 989 | 90 | 50,000 |
| T381L G2 30K 90CRI PDIM FL | 120V | 10.5 | 1022 | 93 | 50,000 |
| T381L G2 30K 90CRI PDIM WFL | 120V | 10.5 | 937 | 85 | 50,000 |
| T381L G2 30K SPW PDIM SP | 120V | 10.5 | 1054 | 96 | 50,000 |
| T381L G2 30K SPW PDIM NFL | 120V | 10.5 | 1034 | 94 | 50,000 |
| T381L G2 30K SPW PDIM FL | 120V | 10.5 | 1069 | 97 | 50,000 |
| T381L G2 30K SPW PDIM WFL | 120V | 10.5 | 981 | 89 | 50,000 |
| T381L G2 35K 80CRI PDIM SP | 120V | 10.5 | 1209 | 110 | 50,000 |
| T381L G2 35K 80CRI PDIM NFL | 120V | 10.5 | 1187 | 108 | 50,000 |
| T381L G2 35K 80CRI PDIM FL | 120V | 10.5 | 1227 | 112 | 50,000 |
| T381L G2 35K 80CRI PDIM WFL | 120V | 10.5 | 1126 | 102 | 50,000 |
| T381L G2 35K 90CRI PDIM SP | 120V | 10.5 | 1069 | 97 | 50,000 |
| T381L G2 35K 90CRI PDIM NFL | 120V | 10.5 | 1050 | 95 | 50,000 |
| T381L G2 35K 90CRI PDIM FL | 120V | 10.5 | 1085 | 99 | 50,000 |
| T381L G2 35K 90CRI PDIM WFL | 120V | 10.5 | 995 | 90 | 50,000 |
| T381L G2 35K SPW PDIM SP | 120V | 10.5 | 1080 | 98 | 50,000 |
| T381L G2 35K SPW PDIM NFL | 120V | 10.5 | 1060 | 96 | 50,000 |
| T381L G2 35K SPW PDIM FL | 120V | 10.5 | 1096 | 100 | 50,000 |
| T381L G2 35K SPW PDIM WFL | 120V | 10.5 | 1005 | 91 | 50,000 |
| T381L G2 40K 80CRI PDIM SP | 120V | 10.5 | 1230 | 112 | 50,000 |
| T381L G2 40K 80CRI PDIM NFL | 120V | 10.5 | 1208 | 110 | 50,000 |
| T381L G2 40K 80CRI PDIM FL | 120V | 10.5 | 1249 | 114 | 50,000 |
| T381L G2 40K 80CRI PDIM WFL | 120V | 10.5 | 1145 | 104 | 50,000 |
| T381L G2 40K 90CRI PDIM SP | 120V | 10.5 | 1090 | 99 | 50,000 |
| T381L G2 40K 90CRI PDIM NFL | 120V | 10.5 | 1070 | 97 | 50,000 |
| T381L G2 40K 90CRI PDIM FL | 120V | 10.5 | 1106 | 101 | 50,000 |
| T381L G2 40K 90CRI PDIM WFL | 120V | 10.5 | 1015 | 92 | 50,000 |
| T381L G2 WDIM HALR 90CRI SP (Full-On) | 120V | 16.1 | 1074 | 68 | 50,000 |
| T381L G2 WDIM HALR 90CRI NFL (Full-On) | 120V | 16.1 | 1128 | 71 | 50,000 |
| T381L G2 WDIM HALR 90CRI FL (Full-On) | 120V | 16.1 | 1067 | 68 | 50,000 |
| T381L G2 WDIM HALR 90CRI WFL (Full-On) | 120V | 16.1 | 1085 | 69 | 50,000 |

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

ELECTRICAL DATA

| | Static White | | |
|----------------------|--------------|-------|-------|
| Input Voltage | 120V | 277V | 347V |
| Input Wattage (typ.) | 10.5 | 10.5 | 11.7 |
| Input Current (max.) | 0.10A | 0.04A | 0.05A |
| Power Factor | >0.99 | >0.96 | >0.78 |
| T.H.D. | <10% | <20% | <30% |

| | WarmDim | | |
|----------------------|---------|-------|-------|
| Input Voltage | 120V | 277V | 347V |
| Input Wattage (typ.) | 16.1 | 16.6 | 17.4 |
| Input Current (max.) | 0.15A | 0.07A | 0.07A |
| Power Factor | >0.99 | >0.96 | >0.84 |
| T.H.D. | <10% | <20% | <30% |

11W/16W VERTICAL CYLINDER LED

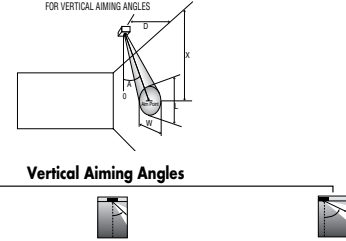
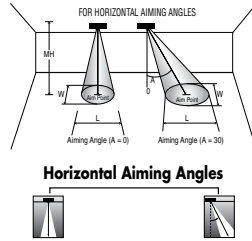
T381L G2

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°).



| Static White 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 |

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





| CRI/CCT Multiplier | | |
|--------------------|-----|------------|
| CRI | CCT | Multiplier |
| 80 | 27K | 1.00 |
| | 30K | 1.00 |
| | 35K | 1.06 |
| | 40K | 1.08 |
| 90 | 27K | 0.86 |
| | 30K | 0.82 |
| | 35K | 0.94 |
| | 40K | 0.95 |
| SPW | 30K | 0.92 |
| | 35K | 0.95 |

11W/16W VERTICAL CYLINDER LED

T381L G2

DIRECT CANOPY MOUNT

PHOTOMETRICS

| WarmDim 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 16W LED WarmDim Spot | SP | 20°  | 50000 | 5239 | 6 | 146 | 2.1 | 2.1 | 95 | 2.8 | 2.4 | 3 | 73 | 5.2 | 4.6 | 2.1 | 206 | 3.0 | 2.1 | 1.5 | 6 | 95 | 3.5 | 2.8 | 2.4 |
| | | | | | 8 | 82 | 2.8 | 2.8 | 53 | 3.7 | 3.2 | 4 | 41 | 6.9 | 6.1 | 2.8 | 116 | 4.0 | 2.8 | 2.0 | 8 | 53 | 4.6 | 3.7 | 3.2 |
| | | | | | 10 | 52 | 3.5 | 3.5 | 34 | 4.7 | 4.0 | 5 | 26 | 8.7 | 7.6 | 3.5 | 74 | 5.0 | 3.6 | 2.4 | 10 | 34 | 5.8 | 4.7 | 4.0 |
| | | | | | 12 | 36 | 4.1 | 4.1 | 24 | 5.6 | 4.8 | 6 | 18 | 10.4 | 9.1 | 4.1 | 51 | 6.0 | 4.3 | 2.9 | 12 | 24 | 6.9 | 5.6 | 4.8 |
| | | | | | 14 | 27 | 4.8 | 4.8 | 17 | 6.5 | 5.6 | 7 | 13 | 12.1 | 10.6 | 4.8 | 38 | 7.0 | 5.0 | 3.4 | 14 | 17 | 8.1 | 6.5 | 5.6 |
| Vertical Cylinder 16W LED WarmDim Narrow Flood | NFL | 23°  | 50000 | 4560 | 4 | 285 | 1.6 | 1.6 | 185 | 2.2 | 1.8 | 2.0 | 143 | 3.5 | 3.6 | 1.6 | 403 | 2.0 | 1.7 | 1.1 | 4 | 185 | 2.3 | 2.2 | 1.8 |
| | | | | | 6 | 127 | 2.4 | 2.4 | 82 | 3.2 | 2.8 | 2.5 | 91 | 4.3 | 4.5 | 2.0 | 258 | 2.5 | 2.1 | 1.4 | 6 | 82 | 3.5 | 3.2 | 2.8 |
| | | | | | 8 | 71 | 3.2 | 3.2 | 46 | 4.3 | 3.7 | 3.0 | 63 | 5.2 | 5.4 | 2.4 | 179 | 3.0 | 2.5 | 1.7 | 8 | 46 | 4.6 | 4.3 | 3.7 |
| | | | | | 10 | 46 | 4.0 | 4.0 | 30 | 5.4 | 4.6 | 3.5 | 47 | 6.1 | 6.4 | 2.8 | 132 | 3.5 | 2.9 | 2.0 | 10 | 30 | 5.8 | 5.4 | 4.6 |
| | | | | | 12 | 32 | 4.8 | 4.8 | 21 | 6.5 | 5.5 | 4.0 | 36 | 6.9 | 7.3 | 3.2 | 101 | 4.0 | 3.3 | 2.3 | 12 | 21 | 6.9 | 6.5 | 5.5 |
| Vertical Cylinder 16W LED WarmDim Flood | FL | 35°  | 50000 | 2269 | 4 | 142 | 2.5 | 2.5 | 92 | 3.5 | 2.9 | 1.0 | 284 | 1.7 | 3.6 | 1.3 | 802 | 1.0 | 1.4 | 0.9 | 3 | 164 | 1.7 | 2.6 | 2.2 |
| | | | | | 5 | 91 | 3.1 | 3.1 | 59 | 4.3 | 3.6 | 1.5 | 126 | 2.6 | 5.3 | 1.9 | 357 | 1.5 | 2.1 | 1.3 | 4 | 92 | 2.3 | 3.5 | 2.9 |
| | | | | | 6 | 63 | 3.8 | 3.8 | 41 | 5.2 | 4.3 | 2.0 | 71 | 3.5 | 7.1 | 2.5 | 201 | 2.0 | 2.8 | 1.8 | 5 | 59 | 2.9 | 4.3 | 3.6 |
| | | | | | 7 | 46 | 4.4 | 4.4 | 30 | 6.0 | 5.1 | 2.5 | 45 | 4.3 | 8.9 | 3.1 | 128 | 2.5 | 3.5 | 2.2 | 6 | 41 | 3.5 | 5.2 | 4.3 |
| | | | | | 8 | 35 | 5.0 | 5.0 | 23 | 6.9 | 5.8 | 3.0 | 32 | 5.2 | 10.7 | 3.8 | 89 | 3.0 | 4.2 | 2.7 | 7 | 30 | 4.0 | 6.0 | 5.1 |
| Vertical Cylinder 16W LED WarmDim Wide Flood | WFL | 54°  | 50000 | 1196 | 2 | 299 | 2.0 | 2.0 | 194 | 2.9 | 2.3 | 1.0 | 150 | 1.7 | 17.2 | 2.0 | 423 | 1.0 | 2.7 | 1.4 | 2 | 194 | 1.2 | 2.9 | 2.3 |
| | | | | | 3 | 133 | 3.0 | 3.0 | 86 | 4.4 | 3.5 | 1.5 | 66 | 2.6 | ** | 3.0 | 188 | 1.5 | 4.1 | 2.1 | 3 | 86 | 1.7 | 4.4 | 3.5 |
| | | | | | 4 | 75 | 4.0 | 4.0 | 49 | 5.9 | 4.7 | 2.0 | 37 | 3.5 | ** | 4.0 | 106 | 2.0 | 5.4 | 2.9 | 4 | 49 | 2.3 | 5.9 | 4.7 |
| | | | | | 5 | 48 | 5.1 | 5.1 | 31 | 7.4 | 5.8 | 2.5 | 24 | 4.3 | ** | 5.1 | 68 | 2.5 | 6.8 | 3.6 | 5 | 31 | 2.9 | 7.4 | 5.8 |
| | | | | | 6 | 33 | 6.1 | 6.1 | 22 | 8.8 | 7.0 | 3.0 | 17 | 5.2 | ** | 6.1 | 47 | 3.0 | 8.1 | 4.3 | 6 | 22 | 3.5 | 8.8 | 7.0 |

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