



TRAC-MASTER®

Avant Garde ARC™ XL 26W LED T275L

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



PRODUCT DESCRIPTION

The ultra-efficient optical system of the Arc XL LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It exceeds the light output of 39W CMH lamps, utilizing less energy than similar CMH fixtures and offering up to 4 times the rated life. It is capable of delivering up to 2281 powerful lumens, yielding an efficacy of up to 87 lumens per watt. It is available in 2700K, 3000K, 3500K and 4000K color temperatures with a minimum 80 CRI. Optional high CRI versions are available with a minimum 90 CRI. The Arc XL LED is available with or without louver to optimize visual cutoff; there is also a louver accessory that can be added at a later time if desired.



PRODUCT SPECIFICATIONS

Housing Robust die cast aluminum construction • Concealed wiring for a simplified, clean aesthetic • Computer designed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation • Available in white, black and silver painted finishes.

LED Single high performance LED array provides outstanding reliability, performance and color quality/consistency • Chromaticity range within a 3-step MacAdam Ellipse • White phosphor high brightness LEDs in 2700K, 3000K, 3500K or 4000K color temperatures • Exceptional 80 CRI minimum on a standard product • Optional high CRI versions offer 90 CRI minimum.

Driver Cleverly assembled in a separate housing behind the LED housing to minimize overall fixture footprint • Insulating air gap between driver and LED light engine optimizes thermal operation • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • FCC Part 15 Class B rated.

Dimming Standard version is dimmable using high quality reverse phase ELV dimmers approved by Juno— see [T275L-DIM](#).

Optics Proprietary, interchangeable polycarbonate lenses available in three factory-configured beam spreads • One lens provided with fixture (as specified in catalog number) • Accessory lenses available to enable simple beam changes in the field.

Lensholder Standard lensholder minimizes overall fixture depth • Optional louver version retains lens and offers additional visual cutoff using a hexcell design • Louvered lensholder also available as a field-installed accessory.

Aiming 360° horizontal coverage • 90° vertical aiming capability • Concealed vertical aiming lock screw to secure fixture aiming.

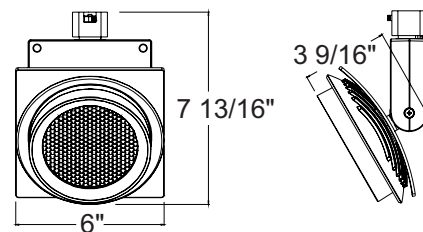
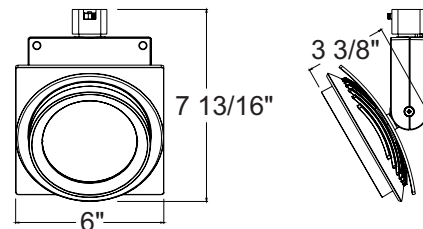
Juno Universal Trac Adapter Compatible with Juno Trac-Master 1 or 2-circuit systems or Juno Trac-Lites system • Copper alloy contacts provide precise spring action – no arcing and will not take a set • True, positive electrical ground • On /off switch included • Patented embossed polarity arrows on bottom of adapter • Spring-loaded positive latch with embossed polarity arrows secures trac light to trac • “Pull-up” contact to up positive 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.

Labels UL and C-UL Listed • ENERGY STAR® Certified and DesignLights Consortium® Qualified (except versions with optional louver).

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



Louvered Version

ACCESSORIES

| Cat. No. | Description |
|-------------|-----------------------------------|
| THCL2BL | Hexcell Louver Assembly - Black |
| THCL2SL | Hexcell Louver Assembly - Silver |
| THCL2WH | Hexcell Louver Assembly - White |
| TLENS2 SPT | Polycarbonate Lens - Spot |
| TLENS2 NFLD | Polycarbonate Lens - Narrow Flood |
| TLENS2 FLD | Polycarbonate Lens - Flood |

ORDERING INFORMATION

Ordering Examples: T275L 30K 90CRI PDIM NFL WH, T275L TEK 30K 90CRI NFL BL

| Series | Mounting Adapter | Color Temperature | Color Rendering Index | Dimming | Distribution | Finish | Louver Option |
|-------------------------------|------------------|---------------------------|--|------------------------------|------------------------|---|---|
| T275L 24W Arc XL LED | Blank | Universal Trac Adapter | 27K 2700K 30K 3000K 35K 3500K 40K 4000K | 80CRI 80 CRI 90CRI 90 CRI | PDIM Phase Dimmable | SP Spot NFL Narrow Flood FL Flood WFL Wide Flood | BL Black SL Silver WH White THCL2BL Hexcell Louver - Black THCL2SL Hexcell Louver - Silver THCL2WH Hexcell Louver - White |



TRAC-MASTER®

Avant Garde

ARC™ XL 26W LED

T275L

PERFORMANCE DATA¹

| Catalog Number | Voltage | Input Watts (Typical) | Lumens | Efficacy (LPW) | Rated Life (Hours) |
|---------------------|---------|-----------------------|--------|----------------|--------------------|
| T275L 27K 80CRI SP | 120V | 26.3 | 2068 | 79 | 50,000 |
| T275L 27K 80CRI NFL | 120V | 26.3 | 2063 | 78 | 50,000 |
| T275L 27K 80CRI FL | 120V | 26.3 | 2068 | 79 | 50,000 |
| T275L 27K 90CRI SP | 120V | 26.3 | 1791 | 68 | 50,000 |
| T275L 27K 90CRI NFL | 120V | 26.3 | 1787 | 68 | 50,000 |
| T275L 27K 90CRI FL | 120V | 26.3 | 1791 | 68 | 50,000 |
| T275L 30K 80CRI SP | 120V | 26.3 | 2132 | 81 | 50,000 |
| T275L 30K 80CRI NFL | 120V | 26.3 | 2127 | 81 | 50,000 |
| T275L 30K 80CRI FL | 120V | 26.3 | 2132 | 81 | 50,000 |
| T275L 30K 90CRI SP | 120V | 26.3 | 1855 | 71 | 50,000 |
| T275L 30K 90CRI NFL | 120V | 26.3 | 1850 | 70 | 50,000 |
| T275L 30K 90CRI FL | 120V | 26.3 | 1855 | 71 | 50,000 |
| T275L 35K 80CRI SP | 120V | 26.3 | 2196 | 83 | 50,000 |
| T275L 35K 80CRI NFL | 120V | 26.3 | 2191 | 83 | 50,000 |
| T275L 35K 80CRI FL | 120V | 26.3 | 2196 | 83 | 50,000 |
| T275L 35K 90CRI SP | 120V | 26.3 | 1961 | 75 | 50,000 |
| T275L 35K 90CRI NFL | 120V | 26.3 | 1957 | 74 | 50,000 |
| T275L 35K 90CRI FL | 120V | 26.3 | 1961 | 75 | 50,000 |
| T275L 40K 80CRI SP | 120V | 26.3 | 2281 | 87 | 50,000 |
| T275L 40K 80CRI NFL | 120V | 26.3 | 2276 | 87 | 50,000 |
| T275L 40K 80CRI FL | 120V | 26.3 | 2281 | 87 | 50,000 |
| T275L 40K 90CRI SP | 120V | 26.3 | 2025 | 77 | 50,000 |
| T275L 40K 90CRI NFL | 120V | 26.3 | 2021 | 77 | 50,000 |
| T275L 40K 90CRI FL | 120V | 26.3 | 2025 | 77 | 50,000 |

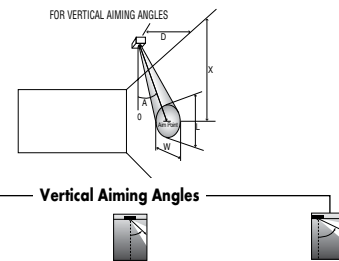
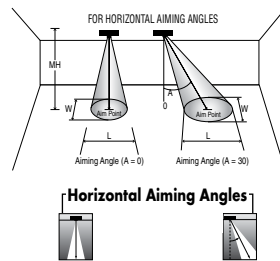
¹Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient.

ELECTRICAL DATA

| | |
|----------------------|-------|
| Input Voltage | 120V |
| Input Current (max.) | 0.23A |
| Power Factor | >0.90 |
| T.H.D. | <20% |

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°).



| 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 |
| Arc XL 26W LED, 3000K, 80CRI Spot | S | 15° | 50000 | 14174 | 8 | 221 | 2.2 | 2.2 | 144 | 2.9 | 2.5 | 4 | 111 | 6.9 | 4.6 | 2.2 | 313 | 4.0 | 2.2 | 1.5 | 6 | 256 | 3.5 | 2.2 | 1.9 |
| | | | | | 10 | 142 | 2.7 | 2.7 | 92 | 3.6 | 3.1 | 6 | 49 | 10.4 | 6.9 | 3.2 | 139 | 6.0 | 3.3 | 2.3 | 8 | 144 | 4.6 | 2.9 | 2.5 |
| | | | | | 12 | 98 | 3.2 | 3.2 | 64 | 4.4 | 3.7 | 8 | 28 | 13.9 | 9.2 | 4.3 | 78 | 8.0 | 4.4 | 3.1 | 10 | 92 | 5.8 | 3.6 | 3.1 |
| | | | | | 14 | 72 | 3.8 | 3.8 | 47 | 5.1 | 4.4 | 10 | 18 | 17.3 | 11.4 | 5.4 | 50 | 10.0 | 5.5 | 3.8 | 12 | 64 | 6.9 | 4.4 | 3.7 |
| | | | | | 16 | 55 | 4.3 | 4.3 | 36 | 5.8 | 5.0 | 12 | 12 | 20.8 | 13.7 | 6.5 | 35 | 12.0 | 6.6 | 4.6 | 14 | 47 | 8.1 | 5.1 | 4.4 |
| Arc XL 26W LED, 3000K, 80CRI Narrow Flood | N | 31° | 50000 | 5598 | 4 | 350 | 2.2 | 2.2 | 227 | 3.1 | 2.6 | 2 | 175 | 3.5 | 5.8 | 2.2 | 495 | 2.0 | 2.4 | 1.6 | 4 | 227 | 2.3 | 3.1 | 2.6 |
| | | | | | 6 | 156 | 3.4 | 3.4 | 101 | 4.6 | 3.9 | 3 | 78 | 5.2 | 8.7 | 3.4 | 220 | 3.0 | 3.6 | 2.4 | 5 | 145 | 2.9 | 3.8 | 3.2 |
| | | | | | 8 | 87 | 4.5 | 4.5 | 57 | 6.1 | 5.2 | 4 | 44 | 6.9 | 11.7 | 4.5 | 124 | 4.0 | 4.8 | 3.2 | 6 | 101 | 3.5 | 4.6 | 3.9 |
| | | | | | 10 | 56 | 5.6 | 5.6 | 36 | 7.6 | 6.4 | 5 | 28 | 8.7 | 14.6 | 5.6 | 79 | 5.0 | 6.1 | 3.9 | 7 | 74 | 4.0 | 5.4 | 4.5 |
| | | | | | 12 | 39 | 6.7 | 6.7 | 25 | 9.2 | 7.7 | 6 | 19 | 10.4 | 17.5 | 6.7 | 55 | 6.0 | 7.3 | 4.7 | 8 | 57 | 4.6 | 6.1 | 5.2 |
| Arc XL 26W LED, 3000K, 80CRI Flood | F | 44° | 50000 | 3113 | 4 | 195 | 3.2 | 3.2 | 126 | 4.5 | 3.7 | 2 | 97 | 3.5 | 12.4 | 3.2 | 275 | 2.0 | 3.8 | 2.3 | 3 | 225 | 1.7 | 3.4 | 2.8 |
| | | | | | 5 | 125 | 4.0 | 4.0 | 81 | 5.6 | 4.6 | 2.5 | 62 | 4.3 | 15.5 | 4.0 | 176 | 2.5 | 4.8 | 2.8 | 4 | 126 | 2.3 | 4.5 | 3.7 |
| | | | | | 6 | 86 | 4.8 | 4.8 | 56 | 6.8 | 5.6 | 3 | 43 | 5.2 | 18.6 | 4.8 | 122 | 3.0 | 5.7 | 3.4 | 5 | 81 | 2.9 | 5.6 | 4.6 |
| | | | | | 7 | 64 | 5.6 | 5.6 | 41 | 7.9 | 6.5 | 3.5 | 32 | 6.1 | 21.7 | 5.6 | 90 | 3.5 | 6.7 | 4.0 | 6 | 56 | 3.5 | 6.8 | 5.6 |
| | | | | | 8 | 49 | 6.4 | 6.4 | 32 | 9.0 | 7.4 | 4 | 24 | 6.9 | 24.8 | 6.4 | 69 | 4.0 | 7.6 | 4.5 | 7 | 41 | 4.0 | 7.9 | 6.5 |

For 27K 80CRI fixtures, use 0.97 multiplier; for 27K 90CRI fixtures, use 0.84 multiplier; for 30K 90CRI fixtures, use 0.87 multiplier; for 35K 80CRI fixtures, use 1.03 multiplier; for 35K 90CRI fixtures, use 0.92 multiplier; for 40K 80CRI fixtures, use 1.07 multiplier; for 40K 90CRI fixtures, use 0.95 multiplier.