

JUNO[®]

TRAC-MASTER[®]

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

Avant Garde

ARC™ 9W LED



T271L G2

PRODUCT DESCRIPTION

The ultra-efficient optical system of the Arc LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It approximates the light output and distribution of 60-75W PAR30 halogen lamps, utilizing about 20% of the energy and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light Arc LED may be specified in 80 CRI versions, 90 CRI versions, or in optional SpectralWhite color/white enhancing versions which offer CRI of 90+, rendering colors richly and making whites appear naturally brilliant. The Arc 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

Construction Die cast aluminum housing provides outstanding thermal management of LED, yielding 70% average lumen maintenance at 50,000 hours of operation • 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 typical • Optional SpectralWhite color/white enhancing versions are available which make whites appear naturally brilliant and render colors more richly.

Driver Concealed behind LED light engine 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 • Dimmable using high quality reverse phase electronic low voltage (ELV) dimmers – see [T271LG2-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Designed for greater than 50,000 hour operating life • FCC Certified to Part 15 Class B EMI standards.

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.

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 Trac Adapter Compatible with Juno TEK trac system • 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.

Aiming 360° horizontal coverage • 95° vertical aiming capability.

Labels UL and C-UL Listed • ENERGY STAR[®] certified and DesignLights Consortium[®] Qualified (except THCL1 versions) • 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.

ConTech is a registered trademark of ConTech Lighting.



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ARC™ 9W LED**T271L G2****ORDERING INFORMATION**

Ordering Examples: T271L G2 27K 80CRI PDIM SP BL, T271L TEK G2 30K SPW PDIM NFL WH THCL1WH

| Series | Mounting Adapter Type | Generation | Color Temperature | Color Rendering Index | Dimming Compatibility | Distribution | Finish | Factory Installed Louvers |
|------------------|--|-----------------|-------------------|--------------------------------------|----------------------------|--|--|---|
| T271L 9W Arc LED | Blank Universal 120V Trac Adapter | G2 Gen 2 | 27K 2700K | 80CRI 80 CRI | PDIM Phase Dimmable | SP Spot NFL Narrow Flood FL Flood | BL Black SL Silver WH White | THCL1BL Black THCL1SL Silver THCL1WH White |
| | TEK TEK 120V Trac Adapter | | 30K 3000K | 90CRI 90 CRI | | | | |
| | GTYPE G-Type Trac Adapter | | 35K 3500K | SPW⁴ SpectralWhite | | | | |
| | HTYPE H-Type Trac Adapter | | 40K 4000K | | | | | |
| | LTYPE L-Type Trac Adapter | | | | | | | |

| Accessories | | | | | |
|----------------------------------|----------------------|--------------------------------|-----------------------------------|-------------------------|-----------------------------------|
| XBAFLBL 469¹ | Cross Baffle - Black | DGF 469¹ | Dichroic Glass Filters | T40N³ | Monopoint Canopy |
| SNOOTBL 390 | Snoot - Black | DCCF 469^{1,2} | Dichroic Color Correction Filters | THCL1BL | Hexcell Louver Assembly - Black |
| SNOOTSL 390 | Snoot - Silver | UVF 469¹ | UV Filter | THCL1SL | Hexcell Louver Assembly - Silver |
| SNOOTWH 390 | Snoot - White | DIFF 469¹ | Diffusion Lens | THCL1WH | Hexcell Louver Assembly - White |
| EYEBROWBL 469¹ | Eyebrow - Black | SOLITE 469¹ | Uniformity Lens | TLENS3 SPT | Polycarbonate Lens - Spot |
| TBDR BLCK 440 | Barn Doors - Black | PRISM 469¹ | Prismatic Spread Lens | TLENS3 NFLD | Polycarbonate Lens - Narrow Flood |
| CGF 469¹ | Color Glass Filters | LSPREAD 469¹ | Linear Spread Lens | TLENS3 FLD | Polycarbonate Lens - Flood |

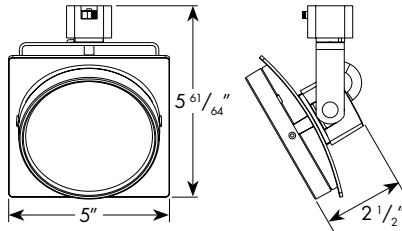
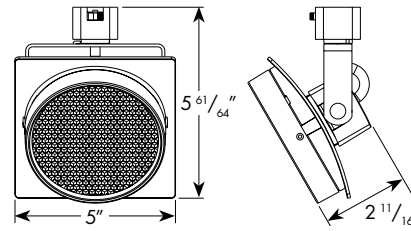
See specification sheet [D1.2.2](#) for details.Other accessories can be found on specification sheet [D1.2.0](#).

Notes:

- Filters, lenses, eyebrow and cross baffle require barn doors for installation.
- DCCF 469 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- Add finish code to complete catalog number (Example: T40N WH).
- 3000K and 3500K only.

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ARC™ 9W LED**T271L G2****DIMENSIONS****Non-Louvered Version****Louvered Version****PERFORMANCE DATA¹**

| Catalog Number | Input Voltage | Watts (Typical) | Lumens | Efficacy (LPW) | Rated Life (Hours) |
|------------------------|---------------|-----------------|--------|----------------|--------------------|
| T271L G2 27K 80CRI SP | 120V | 9 | 1081 | 120 | 50,000 |
| T271L G2 27K 80CRI NFL | 120V | 9 | 1057 | 117 | 50,000 |
| T271L G2 27K 80CRI FL | 120V | 9 | 1067 | 119 | 50,000 |
| T271L G2 27K 90CRI SP | 120V | 9 | 882 | 98 | 50,000 |
| T271L G2 27K 90CRI NFL | 120V | 9 | 863 | 96 | 50,000 |
| T271L G2 27K 90CRI FL | 120V | 9 | 871 | 97 | 50,000 |
| T271L G2 30K 80CRI SP | 120V | 9 | 1103 | 123 | 50,000 |
| T271L G2 30K 80CRI NFL | 120V | 9 | 1079 | 120 | 50,000 |
| T271L G2 30K 80CRI FL | 120V | 9 | 1089 | 121 | 50,000 |
| T271L G2 30K 90CRI SP | 120V | 9 | 927 | 103 | 50,000 |
| T271L G2 30K 90CRI NFL | 120V | 9 | 906 | 101 | 50,000 |
| T271L G2 30K 90CRI FL | 120V | 9 | 915 | 102 | 50,000 |
| T271L G2 30K SPW SP | 120V | 9 | 971 | 108 | 50,000 |
| T271L G2 30K SPW NFL | 120V | 9 | 950 | 106 | 50,000 |
| T271L G2 30K SPW FL | 120V | 9 | 958 | 106 | 50,000 |
| T271L G2 35K 80CRI SP | 120V | 9 | 1147 | 127 | 50,000 |
| T271L G2 35K 80CRI NFL | 120V | 9 | 1122 | 125 | 50,000 |
| T271L G2 35K 80CRI FL | 120V | 9 | 1133 | 126 | 50,000 |
| T271L G2 35K 90CRI SP | 120V | 9 | 949 | 105 | 50,000 |
| T271L G2 35K 90CRI NFL | 120V | 9 | 928 | 103 | 50,000 |
| T271L G2 35K 90CRI FL | 120V | 9 | 937 | 104 | 50,000 |
| T271L G2 35K SPW SP | 120V | 9 | 1004 | 112 | 50,000 |
| T271L G2 35K SPW NFL | 120V | 9 | 982 | 109 | 50,000 |
| T271L G2 35K SPW FL | 120V | 9 | 991 | 110 | 50,000 |
| T271L G2 40K 80CRI SP | 120V | 9 | 1158 | 129 | 50,000 |
| T271L G2 40K 80CRI NFL | 120V | 9 | 1133 | 126 | 50,000 |
| T271L G2 40K 80CRI FL | 120V | 9 | 1143 | 127 | 50,000 |
| T271L G2 40K 90CRI SP | 120V | 9 | 971 | 108 | 50,000 |
| T271L G2 40K 90CRI NFL | 120V | 9 | 950 | 106 | 50,000 |
| T271L G2 40K 90CRI FL | 120V | 9 | 958 | 106 | 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.) | 0.08A |
| Power Factor | >0.90 |