

JUNO**TRAC-MASTER™**

Avant Garde

ARC™ L 15W LED**T272L G2**

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



Buy American

PRODUCT DESCRIPTION

The ultra-efficient optical system of the Arc L LED trac fixture maximizes efficiency while minimizing fixture depth, yielding a unique and attractive aesthetic. It approximates the light output and distribution of 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 L 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 L 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, factory-approved reverse phase ELV dimmers – see [T272LG2-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.

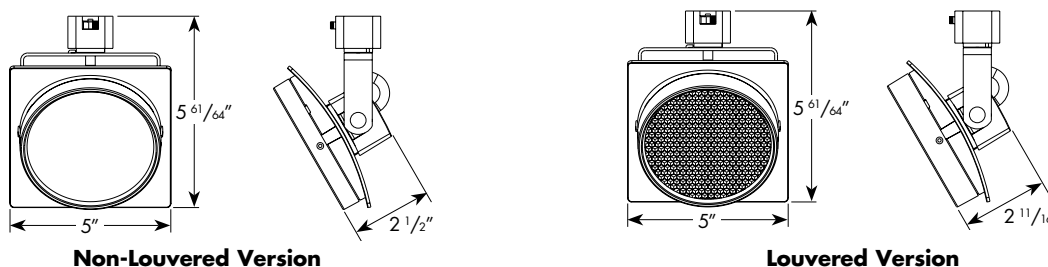
Alternate LTYPE Trac Adapter Compatible with track systems which use a L-type track adapter • System specific and assembled to trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

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

Labels UL and C-UL Listed • ENERGY STAR® certified (except THCL1 versions) • DesignLights Consortium® Qualified • 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 FARS, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

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**Non-Louvered Version****Louvered Version**

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ORDERING INFORMATION

Ordering Example: T272L G2 30K SPW PDIM SP WH

Series	Mounting Adapter Type	Generation	Color Temperature	CRI	Dimming Compatibility
T272L Trac-Master Arc L LED	(Blank) Universal 120V Trac Adapter	G2 Generation 2	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 80 CRI 90CRI 90 CRI SPW ¹ SpectralWhite	PDIM Phase Dimmable
	TEK TEK 120V Trac Adapter				
	GTYPE G-Type Trac Adapter				
	HTYPE H-Type Trac Adapter				
	LTYPE L-Type Trac Adapter				

Distribution	Finish	Factory Installed Louvers
SP Spot	BL Black	THCL1BL Hexcell Louver Assembly - Black
NFL Narrow Flood	SL Silver	THCL1SL Hexcell Louver Assembly - Silver
FL Flood	WH White	THCL1WH Hexcell Louver Assembly - White

Accessories					
XBAFLBL 469 ²	Cross Baffle - Black	DGF 469 ²	Dichroic Glass Filters	T40N ⁴	Monopoint Canopy
SNOOTBL 390	Snoot - Black	DCCF 469 ^{2,3}	Dichroic Color Correction Filters	THCL1BL	Hexcell Louver Assembly - Black
SNOOTSL 390	Snoot - Silver	UVF 469 ²	UV Filter	THCL1SL	Hexcell Louver Assembly - Silver
SNOOTWH 390	Snoot - White	DIFF 469 ²	Diffusion Lens	THCL1WH	Hexcell Louver Assembly - White
EYEBROWBL 469 ²	Eyebrow - Black	SOLITE 469 ²	Uniformity Lens	TLENS3 SP	Polycarbonate Lens - Spot
TBDR BLCK 440	Barn Doors - Black	PRISM 469 ²	Prismatic Spread Lens	TLENS3 NFL	Polycarbonate Lens - Narrow Flood
CGF 469 ²	Color Glass Filters	LSPREAD 469 ²	Linear Spread Lens	TLENS3 FL	Polycarbonate Lens - Flood

See specification sheet [D1.2.2](#) for details and color filter options.

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

Notes:

- 3000K and 3500K only.
- 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).

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PERFORMANCE DATA¹

Catalog Number	Input Voltage	Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T272L G2 27K 80CRI SP	120V	14.6	1633	112	50,000
T272L G2 27K 80CRI NFL	120V	14.6	1610	110	50,000
T272L G2 27K 80CRI FL	120V	14.6	1619	111	50,000
T272L G2 27K 90CRI SP	120V	14.6	1333	91	50,000
T272L G2 27K 90CRI NFL	120V	14.6	1314	90	50,000
T272L G2 27K 90CRI FL	120V	14.6	1322	91	50,000
T272L G2 30K 80CRI SP	120V	14.6	1666	114	50,000
T272L G2 30K 80CRI NFL	120V	14.6	1643	113	50,000
T272L G2 30K 80CRI FL	120V	14.6	1652	113	50,000
T272L G2 30K 90CRI SP	120V	14.6	1399	96	50,000
T272L G2 30K 90CRI NFL	120V	14.6	1380	95	50,000
T272L G2 30K 90CRI FL	120V	14.6	1388	95	50,000
T272L G2 30K SPW SP	120V	14.6	1466	100	50,000
T272L G2 30K SPW NFL	120V	14.6	1446	99	50,000
T272L G2 30K SPW FL	120V	14.6	1454	100	50,000
T272L G2 35K 80CRI SP	120V	14.6	1733	119	50,000
T272L G2 35K 80CRI NFL	120V	14.6	1709	117	50,000
T272L G2 35K 80CRI FL	120V	14.6	1718	118	50,000
T272L G2 35K 90CRI SP	120V	14.6	1433	98	50,000
T272L G2 35K 90CRI NFL	120V	14.6	1413	97	50,000
T272L G2 35K 90CRI FL	120V	14.6	1421	97	50,000
T272L G2 35K SPW SP	120V	14.6	1516	104	50,000
T272L G2 35K SPW NFL	120V	14.6	1495	102	50,000
T272L G2 35K SPW FL	120V	14.6	1503	103	50,000
T272L G2 40K 80CRI SP	120V	14.6	1749	120	50,000
T272L G2 40K 80CRI NFL	120V	14.6	1725	118	50,000
T272L G2 40K 80CRI FL	120V	14.6	1735	119	50,000
T272L G2 40K 90CRI SP	120V	14.6	1466	100	50,000
T272L G2 40K 90CRI NFL	120V	14.6	1446	99	50,000
T272L G2 40K 90CRI FL	120V	14.6	1454	100	50,000

¹ Performance 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.)	0.12A
Power Factor	>0.90

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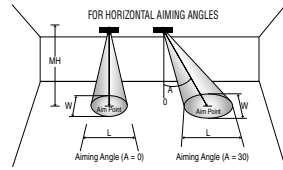
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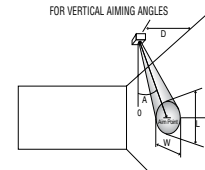
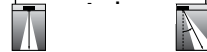
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CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

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



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
Arc L 15W LED, 3000K, 80CRI Spot	SP	10°	50000	15521	8	249	1.4	1.4	162	1.8	1.6	4	124	6.9	2.8	1.4	352	4.0	1.4	1.0	6	287	3.5	1.4	1.2
					10	159	1.7	1.7	103	2.3	2.0	5	80	8.7	3.5	1.7	225	5.0	1.7	1.2	8	162	4.6	1.8	1.6
					12	111	2.1	2.1	72	2.8	2.4	6	55	10.4	4.2	2.1	156	6.0	2.1	1.5	10	103	5.8	2.3	2.0
					14	81	2.4	2.4	53	3.2	2.8	7	41	12.1	4.9	2.4	115	7.0	2.4	1.7	12	72	6.9	2.8	2.4
					16	62	2.7	2.7	40	3.7	3.2	8	31	13.9	5.6	2.7	88	8.0	2.8	1.9	14	53	8.1	3.2	2.8
Arc L 15W LED, 3000K, 80CRI Narrow Flood	NFL	23°	50000	5441	4	334	1.6	1.6	217	2.2	1.9	2	167	3.5	3.8	1.6	472	2.0	1.7	1.2	4	217	2.3	2.2	1.9
					5	214	2.1	2.1	139	2.8	2.4	3	74	5.2	5.7	2.5	210	3.0	2.6	1.7	5	139	2.9	2.8	2.4
					6	148	2.5	2.5	96	3.3	2.9	4	42	6.9	7.6	3.3	118	4.0	3.4	2.3	6	96	3.5	3.3	2.9
					7	109	2.9	2.9	71	3.9	3.3	5	27	8.7	9.5	4.1	76	5.0	4.3	2.9	7	71	4.0	3.9	3.3
					8	83	3.3	3.3	54	4.5	3.8	6	19	10.4	11.3	4.9	52	6.0	5.2	3.5	8	54	4.6	4.5	3.8
Arc L 15W LED, 3000K, 80CRI Flood	FL	38°	50000	3088	3	345	1.9	1.9	224	2.6	2.2	1.5	173	2.6	5.4	1.9	489	1.5	2.1	1.3	2	505	1.2	1.7	1.5
					4	194	2.5	2.5	126	3.5	2.9	2.0	97	3.5	7.1	2.5	275	2.0	2.8	1.8	3	224	1.7	2.6	2.2
					5	124	3.1	3.1	81	4.3	3.6	2.5	62	4.3	8.9	3.1	176	2.5	3.5	2.2	4	126	2.3	3.5	2.9
					6	86	3.8	3.8	56	5.2	4.4	3.0	43	5.2	10.7	3.8	122	3.0	4.2	2.7	5	81	2.9	4.3	3.6
					7	63	4.4	4.4	41	6.1	5.1	3.5	32	6.1	12.5	4.4	90	3.5	4.9	3.1	6	56	3.5	5.2	4.4

For 27K 80CRI fixtures use 0.98 multiplier; For 27K 90CRI fixtures, 0.80 multiplier;
 For 30K 90CRI fixtures, use 0.84 multiplier; For 30K SPW, use 0.88 multiplier;
 For 35K 80CRI fixtures, use 1.04 multiplier; For 35K 90CRI fixtures, use 0.86 multiplier; For 35K SPW fixtures, use 0.91 multiplier;
 For 40K 80CRI fixtures, use 1.05 multiplier; For 40K 90CRI fixtures, use 0.88 multiplier.