

JUNO**TRAC-MASTER™**

Avant Garde

ARC™ L 15W LED**T272L G2**

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

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. It is available in 3000K and 3500K color temperatures with SpectralWhite. 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.

**Arc L 15W LED**

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 • 3000K or 3500K white phosphor high performance LEDs • Chromaticity range within a 3-step MacAdam Ellipse • 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.

Adapter 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 fixture 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.

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

Labels UL and C-UL Listed • ENERGY STAR® Certified • DesignLights Consortium® Qualified.

Warranty 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Specifications subject to change without notice.

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	TEK TEK Adapter	G2 Generation 2	30K 3000K 35K 3500K	SPW ¹ SpectralWhite	PDIM Phase Dimmable

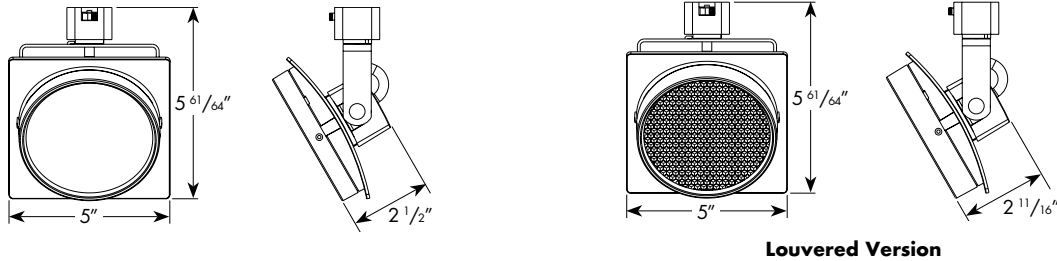
Distribution	Finish	Louvers
FL Flood NFL Narrow Flood SP Spot	BL Black SL Silver WH White	THCL1BL Arc Hexcell Louver Assembly - Black THCL1SL Arc Hexcell Louver Assembly - Silver THCL1WH Arc Hexcell Louver Assembly - White

ACCESSORIES			
THCL1BL	Arc Hexcell Louver Assembly - Black	TLENS3 SP	Trac-Master Arc L LED Polycarbonate Lens - Spot
THCL1SL	Arc Hexcell Louver Assembly - Silver	TLENS3 NFL	Trac-Master Arc L LED Polycarbonate Lens - Narrow Flood
THCL1WH	Arc Hexcell Louver Assembly - White	TLENS3 FL	Trac-Master Arc L LED Polycarbonate Lens - Flood

Notes:
1 3000K and 3500K only.

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ARC™ L 15W LED**T272L G2****DIMENSIONS****PERFORMANCE DATA¹**

Catalog Number	Input Voltage	Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
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 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

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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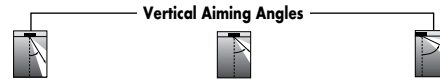
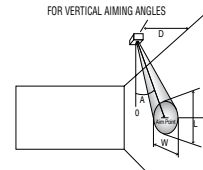
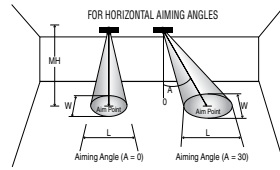
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T272L G2

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 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
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 30K SPW, use 0.88 multiplier; For 35K SPW fixtures, use 0.91 multiplier.