



TRAC-MASTER®

Avant Garde

36W CYLINDRA™ LED

T255L G3

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



PRODUCT DESCRIPTION

The Juno Cylindra™ 36W LED track fixture approximates the mean light output and distribution of 70W PAR30L ceramic metal halide lamps, utilizing about half the amount of energy, but having a rated life of 50,000 hours and significantly better lumen maintenance over life. Available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI, the white-light Cylindra LED is compatible with all Juno line voltage track. The contemporary styling of the Cylindra LED enables it to subtly enhance practically any decor without diverting attention from the surrounding environment. Soft curved surfaces combine with clean, crisp edges to provide a uniquely attractive aesthetic. Cylindra's integral, bayonet-mounted accessory holder accommodates up to two accessories if desired.



PRODUCT SPECIFICATIONS

Construction Die cast aluminum housing provides outstanding thermal management, 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 • 80 CRI minimum on standard product • Optional high CRI versions offer 90 CRI minimum • Consult factory for SpectraWhite.

Driver Assembled into heat dissipating aluminum housing and positioned above fixture housing to minimize overall fixture footprint • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Class B FCC Part 15 rated.

Dimming 120V fixtures are dimmable using high quality, factory approved reverse phase dimmers - see [T255LG3-DIM](#).

Reflector Precision designed integral reflector provides either spot, narrow flood or flood beam distributions • Faceted/dimpled reflector ensures a properly color-mixed beam • Accessory reflectors available to convert from one beam distribution to another in the field without the use of tools • 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 • Oversized track adapter for greater mounting stability • 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 light 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 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 up to two accessories if desired.

Aiming 360° horizontal coverage • Greater than 120° vertical aiming capability.

Mounting For ceiling mount installations only.

Labels UL and cUL Listed • Union made • Assembled in U.S.A. • DesignLights Consortium® qualified except when specified with HTEK option. • ENERGY STAR® certified.

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.

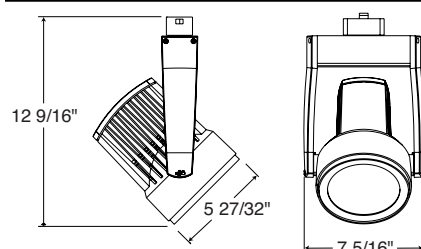
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

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



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One Lithonia Way • Conyers, GA 30012 • Phone 1-800-705-SERV (7378) • Visit us at www.acuitybrands.com
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ORDERING INFORMATION

Ordering Example: T255L G3 27K 80CRI PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T255L 36W Conix LED	(Blank) Juno Universal 120V Track Adapter HTEK ¹ HTEK 277V Track Adapter TEK TEK 120V Track Adapter HTYPE ² H-Type Track Adapter LTYPE L-Type Track Adapter	G3 Gen 3	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 80 CRI 90CRI 90 CRI Consult factory for SpectralWhite option.	OFF On/Off (Non- Dimming) PDIM Phase Dimmable	SP Spot NFL Narrow Flood FL Flood	BL Black SL Silver WH ³ White

Accessories					
HCLBL 469	Hexcell Louver - Black	CGF 469	Color Glass Filters	LSPREAD 469	Linear Spread Lens
CCLBL 469	Cube Cell Louver - Black	DGF 469	Dichroic Glass Filter	T40N ³	Monopoint Canopy
XBAFLBL 469	Cross Baffle - Black	UVF 469	UV Filter	TR7 SPT	Reflector – Spot
SNOOTBL 469	Snoot - Black	DIFF 469	Diffusion Lens	TR7 NFLD	Reflector – Narrow Flood
EYEBROWBL 469	Eye brow - Black	SOLITE 469	Uniformity Lens	TR7 FLD	Reflector – Flood
TBDR BLCK 469	Barn Doors - Black	PRISM 469	Prismatic Spread Lens		

See specification sheet [D1.2.2](#) for details and color filter options.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 HTYPE not available with WH finish.
- 3 Add finish code to complete catalog number (Example: T40N WH).

**T255L G3****TRAC-MASTER®**

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36W CYLINDRA™ LED**T255L G3****PERFORMANCE DATA¹**

Catalog Number	Voltage	Input Wattage	Total Lumen Output	Lumens Per Watt	Rated Life
T255L G3 27K 80CRI SP	120V	36.4	3629	100	50,000
T255L G3 27K 80CRI NFL	120V	36.4	3605	99	50,000
T255L G3 27K 80CRI FL	120V	36.4	3580	98	50,000
T255L G3 27K 90CRI SP	120V	36.4	3205	88	50,000
T255L G3 27K 90CRI NFL	120V	36.4	3183	87	50,000
T255L G3 27K 90CRI FL	120V	36.4	3161	87	50,000
T255L G3 30K 80CRI SP	120V	36.4	3758	103	50,000
T255L G3 30K 80CRI NFL	120V	36.4	3732	103	50,000
T255L G3 30K 80CRI FL	120V	36.4	3707	102	50,000
T255L G3 30K 90CRI SP	120V	36.4	3311	91	50,000
T255L G3 30K 90CRI NFL	120V	36.4	3288	90	50,000
T255L G3 30K 90CRI FL	120V	36.4	3266	90	50,000
T255L G3 35K 80CRI SP	120V	36.4	3871	106	50,000
T255L G3 35K 80CRI NFL	120V	36.4	3845	106	50,000
T255L G3 35K 80CRI FL	120V	36.4	3819	105	50,000
T255L G3 35K 90CRI SP	120V	36.4	3417	94	50,000
T255L G3 35K 90CRI NFL	120V	36.4	3394	93	50,000
T255L G3 35K 90CRI FL	120V	36.4	3371	93	50,000
T255L G3 40K 80CRI SP	120V	36.4	3947	108	50,000
T255L G3 40K 80CRI NFL	120V	36.4	3921	108	50,000
T255L G3 40K 80CRI FL	120V	36.4	3894	107	50,000
T255L G3 40K 90CRI SP	120V	36.4	3538	97	50,000
T255L G3 40K 90CRI NFL	120V	36.4	3514	97	50,000
T255L G3 40K 90CRI FL	120V	36.4	3490	96	50,000

Notes:

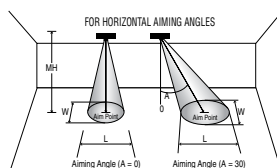
¹ Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient.**ELECTRICAL DATA**

Input Voltage	120V
Input Current (max.)	0.34A
Power Factor	>0.92
T.H.D.	<20%

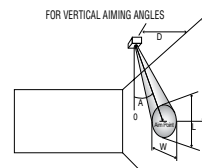
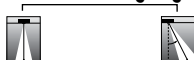
PHOTOMETRICS

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



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
Cylindra 36W LED, 3000K, 80CRI Spot	SP	10° 	50000	60617	18	187	3.1	3.1	122	4.1	3.6	6	210	10.4	4.2	2.1	595	6.0	2.1	1.5	12	273	6.9	2.8	2.4
					20	152	3.4	3.4	98	4.6	4.0	8	118	13.9	5.6	2.7	335	8.0	2.8	1.9	14	201	8.1	3.2	2.8
					22	125	3.8	3.8	81	5.0	4.4	10	76	17.3	7.0	3.4	214	10.0	3.5	2.4	16	154	9.2	3.7	3.2
					24	105	4.1	4.1	68	5.5	4.8	12	53	20.8	8.4	4.1	149	12.0	4.1	2.9	18	122	10.4	4.1	3.6
					26	90	4.5	4.5	58	6.0	5.1	14	39	24.2	9.8	4.8	109	14.0	4.8	3.4	20	98	11.5	4.6	4.0
Cylindra 36W LED, 3000K, 80CRI Narrow Flood	NFL	24° 	50000	13915	8	217	3.4	3.4	141	4.7	4.0	4	109	6.9	8.0	3.4	307	4.0	3.6	2.4	6	251	3.5	3.5	3.0
					10	139	4.3	4.3	90	5.8	5.0	5	70	8.7	10.0	4.3	197	5.0	4.5	3.0	8	141	4.6	4.7	4.0
					12	97	5.2	5.2	63	7.0	6.0	6	48	10.4	12.0	5.2	137	6.0	5.4	3.7	10	90	5.8	5.8	5.0
					14	71	6.0	6.0	46	8.2	7.0	7	35	12.1	14.0	6.0	100	7.0	6.3	4.3	12	63	6.9	7.0	6.0
					16	54	6.9	6.9	35	9.3	8.0	8	27	13.9	16.0	6.9	77	8.0	7.2	4.9	14	46	8.1	8.2	7.0
Cylindra 36W LED, 3000K, 80CRI Flood	FL	43° 	50000	7168	6	199	4.7	4.7	129	6.6	5.4	3	100	5.2	17.5	4.7	282	3.0	5.6	3.3	5	186	2.9	5.5	4.5
					7	146	5.5	5.5	95	7.7	6.3	4	56	6.9	23.3	6.3	158	4.0	7.4	4.4	6	129	3.5	6.6	5.4
					8	112	6.3	6.3	73	8.8	7.2	5	36	8.7	**	7.8	101	5.0	9.3	5.5	7	95	4.0	7.7	6.3
					9	88	7.1	7.1	57	9.9	8.2	6	25	10.4	**	9.4	70	6.0	11.1	6.7	8	73	4.6	8.8	7.2
					10	72	7.8	7.8	47	11.0	9.1	7	18	12.1	**	11.0	52	7.0	13.0	7.8	9	57	5.2	9.9	8.2

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

CCT	CRI	MULTIPLIER
27K	80	0.97
	90	0.79
30K	80	1.00
	90	0.82
35K	80	1.04
	90	0.85
40K	80	1.05
	90	0.87