



TRAC-MASTER®

Avant Garde

CYLINDRA™ 35W LED



T255L G2

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

PRODUCT DESCRIPTION

The Juno Cylindra™ 35W LED trac 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 trac. 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 • Optional SpectralWhite color/white enhancing versions are available which make whites appear naturally brilliant and render colors more richly.

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 All standard products are dimmable using high quality, factoryapproved reverse phase dimmers - see [T255LG2-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 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 • Two-position power contact provided 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.

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 • DesignLights Consortium® qualified where noted in Performance Data.

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: T255L G2 27K 80CRI PDIM NFL WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
T255L 35W Conix LED	(Blank)	Universal Trac Adapter	G2 Gen 2	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 80 CRI 90CRI 90 CRI SPW ¹ SpectralWhite	PDIM Phase Dimmable	BL Black SL Silver WH White
	HTEK	HTEK 277V Trac Adapter				NFL Narrow Flood FL Flood	
	TEK	TEK 120V Trac Adapter					

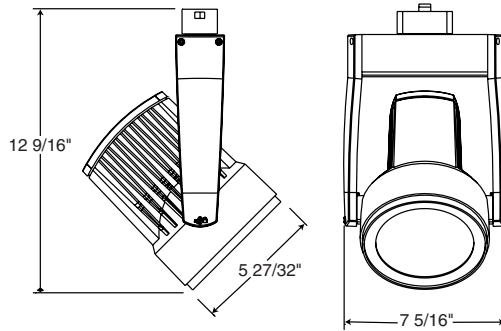
Accessories			
HCLBL 469	Hexcell Louver - Black	CGF 469	Color Glass Filters
CCLBL 469	Cube Cell Louver - Black	DGF 469	Dichroic Glass Filter
XBAFLBL 469	Cross Baffle - Black	DCCF 469 ²	Dichroic Color Correction Filter
SNOOTBL 469	Snoot - Black	UVF 469	UV Filter
EYEBROWBL 469	EyeBrow - Black	DIFF 469	Diffusion Lens
TBDR BLCK 469	Barn Doors - Black	SOLITE 469	Uniformity Lens
PRISM 469	Prismatic Spread Lens	LSPREAD 469	Linear Spread Lens
T40N ³	Monopoint Canopy	TR1 SPT	Reflector – Spot
TR1 NFLD	Reflector – Narrow Flood	TR1 FLD	Reflector – Flood

Notes:
 1 2700K, 3000K and 4000K only. DCCF 200 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
 2 Add finish code to complete catalog number (Example: T40N WH).
 3 Add finish code to complete catalog number (Example: T40N WH).

See specification sheet [D1.2.2](#) for details.

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



DIMENSIONS

PERFORMANCE DATA¹

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)	DLC Qualified
T255L G2 27K 80CRI SP	120V	35.5	3423	96	50,000	X
T255L G2 27K 80CRI NFL	120V	35.5	3444	97	50,000	X
T255L G2 27K 80CRI FL	120V	35.5	3420	96	50,000	X
T255L G2 27K 90CRI SP	120V	35.5	2788	79	50,000	X
T255L G2 27K 90CRI NFL	120V	35.5	2805	79	50,000	X
T255L G2 27K 90CRI FL	120V	35.5	2786	78	50,000	X
T255L G2 30K 80CRI SP	120V	35.5	3529	99	50,000	X
T255L G2 30K 80CRI NFL	120V	35.5	3550	100	50,000	X
T255L G2 30K 80CRI FL	120V	35.5	3526	99	50,000	X
T255L G2 30K 90CRI SP	120V	35.5	2894	82	50,000	X
T255L G2 30K 90CRI NFL	120V	35.5	2911	82	50,000	X
T255L G2 30K 90CRI FL	120V	35.5	2891	81	50,000	X
T255L G2 30K SPW SP	120V	35.5	3070	86	50,000	
T255L G2 30K SPW NFL	120V	35.5	3089	87	50,000	
T255L G2 30K SPW FL	120V	35.5	3068	86	50,000	
T255L G2 35K 80CRI SP	120V	35.5	3670	103	50,000	X
T255L G2 35K 80CRI NFL	120V	35.5	3692	104	50,000	X
T255L G2 35K 80CRI FL	120V	35.5	3667	103	50,000	X
T255L G2 35K 90CRI SP	120V	35.5	3000	84	50,000	X
T255L G2 35K 90CRI NFL	120V	35.5	3018	85	50,000	X
T255L G2 35K 90CRI FL	120V	35.5	2997	84	50,000	X
T255L G2 35K SPW SP	120V	35.5	3176	89	50,000	
T255L G2 35K SPW NFL	120V	35.5	3195	90	50,000	
T255L G2 35K SPW FL	120V	35.5	3173	89	50,000	
T255L G2 40K 80CRI SP	120V	35.5	3705	104	50,000	X
T255L G2 40K 80CRI NFL	120V	35.5	3728	105	50,000	X
T255L G2 40K 80CRI FL	120V	35.5	3702	104	50,000	X
T255L G2 40K 90CRI SP	120V	35.5	3070	86	50,000	X
T255L G2 40K 90CRI NFL	120V	35.5	3089	87	50,000	X
T255L G2 40K 90CRI FL	120V	35.5	3068	86	50,000	X

Notes:

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

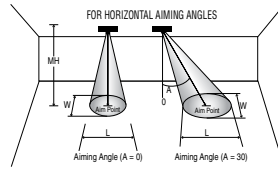
ELECTRICAL DATA

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

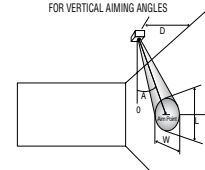
PHOTOMETRICS

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 35W LED, 30K, 80CRI Spot	SP	10°	50000	59171	14	302	2.4	2.4	196	3.2	2.8	6	205	10.4	4.3	2.1	581	6.0	2.1	1.5	12	267	6.9	2.8	2.4
					16	231	2.8	2.8	150	3.7	3.2	8	116	13.9	5.7	2.8	327	8.0	2.8	2.0	14	196	8.1	3.2	2.8
					18	183	3.1	3.1	119	4.2	3.6	10	74	17.3	7.1	3.5	209	10.0	3.5	2.4	16	150	9.2	3.7	3.2
					20	148	3.5	3.5	96	4.6	4.0	12	51	20.8	8.5	4.2	145	12.0	4.2	2.9	18	119	10.4	4.2	3.6
					22	122	3.8	3.8	79	5.1	4.4	14	38	24.2	9.9	4.9	107	14.0	4.9	3.4	20	96	11.5	4.6	4.0
Cylindra 35W LED, 30K, 80CRI Narrow Flood	NFL	23°	50000	13929	8	218	3.3	3.3	141	4.5	3.8	4	109	6.9	7.6	3.3	308	4.0	3.4	2.3	6	251	3.5	3.3	2.9
					10	139	4.1	4.1	90	5.6	4.8	5	70	8.7	9.5	4.1	197	5.0	4.3	2.9	8	141	4.6	4.5	3.8
					12	97	4.9	4.9	63	6.7	5.7	6	48	10.4	11.3	4.9	137	6.0	5.2	3.5	10	90	5.8	5.6	4.8
					14	71	5.8	5.8	46	7.8	6.7	7	36	12.1	13.2	5.8	101	7.0	6.0	4.1	12	63	6.9	6.7	5.7
					16	54	6.6	6.6	35	8.9	7.6	8	27	13.9	15.1	6.6	77	8.0	6.9	4.7	14	46	8.1	7.8	6.7
Cylindra 35W LED, 30K, 80CRI Flood	FL	41°	50000	7073	6	196	4.5	4.5	128	6.3	5.2	3	98	5.2	15.9	4.5	278	3.0	5.3	3.2	5	184	2.9	5.3	4.4
					7	144	5.0	5.0	94	7.0	5.8	4	55	6.9	18.5	5.7	156	4.0	6.5	4.0	6	128	3.5	6.0	4.9
					8	111	5.7	5.7	72	8.0	6.6	5	35	8.7	23.1	7.1	100	5.0	8.2	5.0	7	94	4.0	7.0	5.8
					9	87	6.4	6.4	57	8.9	7.4	6	25	10.4	**	8.6	69	6.0	9.8	6.1	8	72	4.6	8.0	6.6
					10	71	7.1	7.1	46	9.9	8.2	7	18	12.1	**	10.0	51	7.0	11.5	7.1	9	57	5.2	8.9	7.4

For 27K 80CRI fixtures, use 0.97 multiplier; For 27K 90CRI fixtures, use 0.79 multiplier.
 For 30K 90CRI fixtures, use 0.82 multiplier; For 30K SPW fixtures, use 0.87 multiplier.
 For 35K 80CRI fixtures, use 1.04 multiplier; For 35K 90CRI fixtures, use 0.85 multiplier; For 35K SPW fixtures, use 0.90 multiplier.
 For 40K 80CRI fixtures, use 1.05 multiplier; For 40K 90CRI fixtures, use 0.87 multiplier

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