

**JUNO**<sup>®</sup>**TRAC-MASTER**<sup>®</sup>

Classics

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

**26W FLAT BACK CYLINDER LED****T283L****PRODUCT DESCRIPTION**

With its integral driver, the cylindrical aesthetic of the T283L Series offers the simplest of form factors. It is designed with a unique, patent pending, precision optical system which produces uniform spot, flood or narrow flood distributions. The 26W T283L Series can deliver up to 2664 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. It is available in 2700K, 3000K, 3500K and 4000K color temperatures and 80 or 90 CRI versions. Optional SpectralWhite color/white enhancing versions offer CRI and Color Quality Scale (CQS) scores of 90+, rendering colors richly and making whites appear naturally brilliant. These fixtures also have an integral, bayonet-mounted optical system that enables quick conversion between beam spreads.

**PRODUCT SPECIFICATIONS**

**Construction** Die cast aluminum housing and vented concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation • Passively-cooled design – no moving parts to break or wear-out • Fashionable, elegant design complements any decor • Available in white, black or 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 minimum • Optional SpectralWhite color/white enhancing versions are available which make whites appear naturally brilliant and render colors more richly.

**Driver** Assembled into upper housing to visually integrate within fixture design • Insulating air gap between driver and LED light engine optimizes thermal operation • Provides quiet operation with or without dimming • 120V fixtures are dimmable using high quality reverse phase ELV dimmers approved by Juno - see [T283L-T283L-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Class B FCC Part 15 rated.

**Reflector** Precision designed custom optical system provides either spot, narrow flood or flood beam distributions • Patent pending, multi-step optical system ensures a properly color-mixed beam • Accessory optical assemblies available to quickly and easily convert from one beam distribution to another in the field.

**Accessories** Filters and lenses may only be installed with Accessory Holder, Snoot or Barn Doors (order separately) • Louver may only be installed with Accessory Holder or Snoot (order separately) • Accessory Holder, Snoot or Barn Doors are externally mounted and attach to fixture using three set screws • Up to two of any combination of filters, lenses and louver may be installed simultaneously.

**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<sup>®</sup> 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/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.

**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 • Greater than 90° vertical aiming capability.

**Labels** UL and C-UL Listed • ENERGY STAR<sup>®</sup> certified • DesignLights Consortium<sup>®</sup> Qualified • Union made • Assembled in U.S.A.

**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](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

Specifications subject to change without notice.

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**TRAC-MASTER®**

Classics

**26W FLAT BACK CYLINDER LED****T283L****ORDERING INFORMATION**

Ordering Examples: T283L 30K 80CRI PDIM SP WH, T283L TEK 30K 80CRI PDIM SP BL

Series	Mounting Adapter Type	Color Temperature	Color Rendering Index	Dimming Compatibility	Distribution	Finish
<b>T283L</b> 26W Flat Back Cylinder LED	<b>(Blank)</b> Universal 120V Trac Adapter	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI <b>SPW</b> SpectralWhite (3000K & 3500K only)	<b>OFF</b> <sup>1</sup> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>SP</b> Spot <b>NFL</b> Narrow Flood <b>FL</b> Flood	<b>BL</b> Black <b>SL</b> Silver <b>WH</b> White
	<b>HTEK</b> <sup>1</sup> HTEK 277V Trac Adapter					
	<b>TEK</b> TEK 120V Trac Adapter					
	<b>GTYPE</b> G-Type Trac Adapter					
	<b>HTYPE</b> H-Type Trac Adapter					
	<b>LTYPE</b> L-Type Trac Adapter					

Accessories						
<b>HCLBL 469</b> <sup>2</sup>	Hexcell Louver - Black	<b>DCCF 469</b> <sup>2,3</sup>	Dichroic Color Correction Filter	<b>T5774BL 469</b>	4 <sup>11</sup> / <sub>16</sub> " Dia. Barn Door Accessory - Black	
<b>CCLBL 469</b> <sup>2</sup>	Cube Cell Louver - Black	<b>UVF 469</b> <sup>2</sup>	UV Filter	<b>T770BL</b>	4 <sup>11</sup> / <sub>16</sub> " Dia. Accessory Holder - Black	
<b>XBAFLBL 469</b> <sup>2</sup>	Cross Baffle - Black	<b>DIFF 469</b> <sup>2</sup>	Diffusion Lens	<b>T770SL</b>	4 <sup>11</sup> / <sub>16</sub> " Dia. Accessory Holder - Silver	
<b>T5788BL 469</b>	Snoot - Black	<b>SOLITE 469</b> <sup>2</sup>	Uniformity Lens (Solite)	<b>T770WH</b>	4 <sup>11</sup> / <sub>16</sub> " Dia. Accessory Holder - White	
<b>EYEBROWBL 469</b> <sup>2</sup>	Eyebrow - Black	<b>PRISM 469</b> <sup>2</sup>	Prismatic Spread Lens	<b>TR10 SPT</b>	Spot Optical Assembly	
<b>CGF 469</b> <sup>2</sup>	Color Glass Filter	<b>LSPREAD 469</b> <sup>2</sup>	Linear Spread Lens	<b>TR10 NFLD</b>	Narrow Flood Optical Assembly	
<b>DGF 469</b> <sup>2</sup>	Dichroic Glass Filter	<b>T40N</b> <sup>4</sup>	Monopoint Canopy	<b>TR10 FLD</b>	Flood Optical Assembly	

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

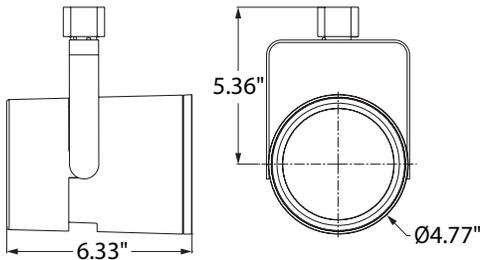
## Notes:

- HTEK versions available with OFF option only, and OFF option only available with HTEK version only.
- Accessory Holder, Snoot or Barn Doors required to install filters or lenses; Accessory Holder or Snoot required to install louver.
- 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).

## 26W FLAT BACK CYLINDER LED

T283L

## DIMENSIONS

PERFORMANCE DATA<sup>1</sup>

Catalog Number	Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T283L 27K 80CRI SP	120V	26	2327	89	50,000
T283L 27K 80CRI NFL	120V	26	2296	88	50,000
T283L 27K 80CRI FL	120V	26	2441	94	50,000
T283L27K 90CRI SP	120V	26	1914	74	50,000
T283L 27K 90CRI NFL	120V	26	1889	73	50,000
T283L 27K 90CRI FL	120V	26	2008	77	50,000
T283L 30K 80CRI SP	120V	26	2409	93	50,000
T283L 30K 80CRI NFL	120V	26	2378	91	50,000
T283L 30K 80CRI FL	120V	26	2527	97	50,000
T283L 30K 90CRI SP	120V	26	1973	76	50,000
T283L 30K 90CRI NFL	120V	26	1948	75	50,000
T283L 30K 90CRI FL	120V	26	2070	80	50,000
T283L 30K SPW SP	120V	26	2105	81	50,000
T283L 30K SPW NFL	120V	26	2078	80	50,000
T283L 30K SPW FL	120V	26	2209	85	50,000
T283L 35K 80CRI SP	120V	26	2511	97	50,000
T283L 35K 80CRI NFL	120V	26	2478	95	50,000
T283L 35K 80CRI FL	120V	26	2634	101	50,000
T283L 35K 90CRI SP	120V	26	2041	79	50,000
T283L 35K 90CRI NFL	120V	26	2014	77	50,000
T283L 35K 90CRI FL	120V	26	2141	82	50,000
T283L 35K SPW SP	120V	26	2163	83	50,000
T283L 35K SPW NFL	120V	26	2135	82	50,000
T283L 35K SPW FL	120V	26	2269	87	50,000
T283L 40K 80CRI SP	120V	26	2540	98	50,000
T283L 40K 80CRI NFL	120V	26	2507	96	50,000
T283L 40K 80CRI FL	120V	26	2664	102	50,000
T283L 40K 90CRI SP	120V	26	2087	80	50,000
T283L 40K 90CRI NFL	120V	26	2059	79	50,000
T283L 40K 90CRI FL	120V	26	2189	84	50,000

<sup>1</sup>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.)	0.24A
Power Factor	>0.90
T.H.D.	<20%

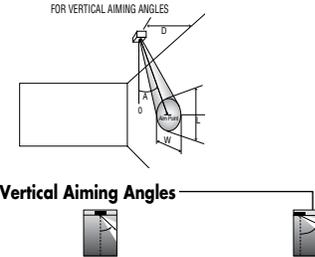
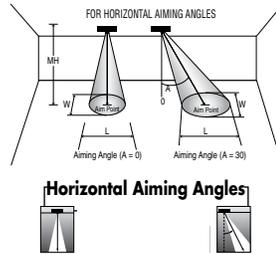
**26W FLAT BACK CYLINDER LED**

**T283L**

**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°).



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
<b>T283L 26W LED, 30K, 80CRI Spot</b>	S	15°	50000	20294	10	203	2.5	2.5	132	3.4	2.9	4	159	6.9	4.3	2.0	448	4.0	2.1	1.4	8	206	4.6	2.7	2.4
					12	141	3.1	3.1	92	4.1	3.5	6	70	10.4	6.4	3.1	199	6.0	3.1	2.2	10	132	5.8	3.4	2.9
					14	104	3.6	3.6	67	4.8	4.1	8	40	13.9	8.6	4.1	112	8.0	4.1	2.9	12	92	6.9	4.1	3.5
					16	79	4.1	4.1	51	5.5	4.7	10	25	17.3	10.7	5.1	72	10.0	5.2	3.6	14	67	8.1	4.8	4.1
					18	63	4.6	4.6	41	6.1	5.3	12	18	20.8	12.8	6.1	50	12.0	6.2	4.3	16	51	9.2	5.5	4.7
<b>T283L 26W LED, 30K, 80CRI Narrow Flood</b>	N	24°	50000	9258	6	257	2.5	2.5	167	3.4	2.9	3	129	5.2	5.8	2.5	364	3.0	2.6	1.8	6	167	3.5	3.4	2.9
					8	145	3.3	3.3	94	4.5	3.9	4	72	6.9	7.7	3.3	205	4.0	3.5	2.4	7	123	4.0	4.0	3.4
					10	93	4.2	4.2	60	5.7	4.8	5	46	8.7	9.6	4.2	131	5.0	4.4	3.0	8	94	4.6	4.5	3.9
					12	64	5.0	5.0	42	6.8	5.8	6	32	10.4	11.5	5.0	91	6.0	5.2	3.5	9	74	5.2	5.1	4.3
					14	47	5.8	5.8	31	7.9	6.8	7	24	12.1	13.5	5.8	67	7.0	6.1	4.1	10	60	5.8	5.7	4.8
<b>T283L 26W LED, 30K, 80CRI Flood</b>	F	41°	50000	4096	5	164	3.7	3.7	106	5.2	4.3	2	128	3.5	10.3	3.0	362	2.0	3.5	2.1	4	166	2.3	4.2	3.5
					6	114	4.5	4.5	74	6.3	5.2	3	57	5.2	15.5	4.5	161	3.0	5.2	3.2	5	106	2.9	5.2	4.3
					7	84	5.2	5.2	54	7.3	6.0	4	32	6.9	20.6	6.0	91	4.0	7.0	4.2	6	74	3.5	6.3	5.2
					8	64	6.0	6.0	42	8.4	6.9	5	20	8.7	**	7.5	58	5.0	8.7	5.3	7	54	4.0	7.3	6.0
					9	51	6.7	6.7	33	9.4	7.8	6	14	10.4	**	9.0	40	6.0	10.4	6.3	8	42	4.6	8.4	6.9

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'.