


**TRAC-MASTER™**

Wall Wash/Floods

# 41W LED WALL WASH/FLOOD

**T259L G2**

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

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

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

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



## PRODUCT DESCRIPTION

The T259L LED wall wash/flood trac fixture delivers a powerful and uniform punch of light, utilizing less energy than a comparable CMH fixture and offering up to 4 times the rated life. It is capable of delivering up to 4622 powerful lumens, yielding an efficacy of up to 112 lumens per watt. Employing a custom hyperbolic reflector, it provides a uniform, wide beam of light. Its unique, narrow profile enables it to fit nicely with accent spotlights on the trac. Its optimized thermal management design yields a maintenance-free 50,000 hours service life at 70% lumen maintenance. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light T259L LED wall wash/flood trac fixture is compatible with Juno Trac-Master and Trac-Lites trac.



## PRODUCT SPECIFICATIONS

**Housing** Robust die cast aluminum construction • Concealed wiring for a simplified, clean aesthetic • Computer designed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation • Available in white, black and silver painted finishes.

**LED** Two high performance LEDs per fixture provide outstanding reliability, performance and color quality/consistency • White phosphor high brightness LEDs in 2700K, 3000K, 3500K or 4000K color temperatures • Exceptional 80 CRI minimum on standard product • Optional high CRI versions offer 90 CRI or 97 CRI minimum.

**Drivers** Cleverly assembled in a separate housing behind the LED housing to minimize overall fixture footprint • Insulating air gap between drivers and LED light engine optimizes thermal operation • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • FCC Part 15 Class B rated.

**Dimming** Standard 120V version is dimmable using high quality reverse phase ELV dimmers approved by Juno - see [T258LG2-T259LG2-T260L-DIM](#).

**Reflector** Custom hyperbolic reflector creates a smooth, wide beam pattern and enables LEDs to be deeply regressed to minimize glare.

**Aiming** 350° horizontal coverage • 90° vertical aiming capability • Concealed vertical aiming lock screw to secure fixture aiming.

**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 • Oversized trac 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 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.

**Labels** UL and cUL Listed • ENERGY STAR® certified • Union made • Assembled in U.S.A. • DLC Qualified.

### 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](http://www.acuitybrands.com/buy-american) for additional information.

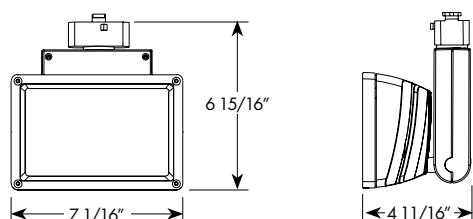
**Warranty** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-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



ConTech is a registered trademark of ConTech Lighting.



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**41W LED WALL WASH/FLOOD****T259L G2****ORDERING INFORMATION**

Ordering Example: T259L G2 30K 80CRI PDIM WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish
<b>T259L</b> 41W LED Wall Wash/Flood	<b>(Blank)</b> Universal 120V Trac Adapter <b>HTEK<sup>1</sup></b> HTEK 277V Trac Adapter <b>TEK</b> TEK 120V Trac Adapter <b>GTYPE</b> G-Type Trac Adapter <b>HTYPE<sup>2</sup></b> H-Type Trac Adapter <b>LTYPE</b> L-Type Trac Adapter	<b>G2</b> Gen 2	<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>97CRI<sup>3</sup></b> 97 CRI	<b>OFF<sup>1</sup></b> On/Off (Non-Dimming) <b>PDIM</b> Phase Dimmable	<b>BL</b> Black <b>SL</b> Silver <b>WH<sup>2</sup></b> White

Accessories			
<b>SNOOTBL RECT2</b>	Snoot - Black	<b>TBDR BLCK RECT2</b>	Barn Doors - Black
<b>SNOOTWH RECT2</b>	Snoot - White	<b>CBLBL RECT2</b>	Cross Blade Louver - Black
<b>EYEBROWBL RECT2</b>	Eyebrow - Black	<b>CBLWH RECT2</b>	Cross Blade Louver - White
<b>EYEBROWWH RECT2</b>	Eyebrow - White	<b>T40N<sup>4</sup></b>	Monopoint Canopy

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. HTEK mounting not DesignLights Consortium® qualified.
- HTYPE not available with WH finish.
- Available in 27K, 30K, and 40K versions only.
- Add finish code to complete catalog number (Example: T40N WH).

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**41W LED WALL WASH/FLOOD****T259L G2****PERFORMANCE DATA<sup>1</sup>**


Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
<b>T259L G2 27K 80CRI</b>	120V	41.1	4308	105	50,000
<b>T259L G2 27K 90CRI</b>	120V	41.1	3545	86	50,000
<b>T259L G2 27K 97CRI</b>	120V	41.1	3231	79	50,000
<b>T259L G2 30K 80CRI</b>	120V	41.1	4487	109	50,000
<b>T259L G2 30K 90CRI</b>	120V	41.1	3724	91	50,000
<b>T259L G2 30K 97CRI</b>	120V	41.1	3365	82	50,000
<b>T259L G2 35K 80CRI</b>	120V	41.1	4577	111	50,000
<b>T259L G2 35K 90CRI</b>	120V	41.1	3769	92	50,000
<b>T259L G2 40K 80CRI</b>	120V	41.1	4622	112	50,000
<b>T259L G2 40K 90CRI</b>	120V	41.1	3814	93	50,000
<b>T259L G2 40K 97CRI</b>	120V	41.1	3500	85	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**

<b>T259L</b>	
Input Voltage	120V
Input Current (max.)	0.53A
Power Factor	>0.90
T.H.D	<20%

**T259L G2 30K 80CRI WALL WASH/FLOOD****TRAC 3' FROM WALL**

		Single Fixture Performance						Multiple Fixture Performance								
		0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →						
 41W LED 30K, 80CRI	Distance from ceiling															
	1'	168	137	79	33	15	6	198	162	198	181	103	181	173	66	173
	2'	136	117	79	46	22	10	180	166	180	155	125	155	145	93	145
	3'	87	77	57	38	23	12	134	125	134	111	98	111	98	78	98
	4'	53	49	39	28	19	12	93	92	93	79	73	79	68	59	68
	5'	33	31	26	20	15	11	66	66	66	56	53	56	48	44	48
	6'	21	21	18	15	12	9	47	49	47	40	40	40	35	33	35
	7'	14	14	13	11	9	7	35	36	35	30	30	30	26	25	26
	8'	10	10	9	8	7	6	26	27	26	22	23	22	20	20	20
	9'	7	7	7	6	5	4	20	21	20	17	18	17	15	16	15

**TRAC 4' FROM WALL**

		Single Fixture Performance						Multiple Fixture Performance								
		0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →						
 41W LED 30K, 80CRI	Distance from ceiling															
	1'	82	74	53	29	15	8	111	114	111	98	85	98	91	59	91
	2'	91	83	63	42	25	13	141	139	141	117	109	117	104	86	104
	3'	69	64	51	37	25	15	121	118	121	100	94	100	87	77	87
	4'	49	46	38	29	21	15	94	94	94	80	76	80	68	63	68
	5'	34	32	28	22	17	13	72	74	72	61	60	61	53	50	53
	6'	24	23	20	17	14	11	55	56	55	46	47	46	40	39	40
	7'	17	16	15	13	11	9	42	43	42	36	37	36	31	31	31
	8'	12	12	11	10	8	7	32	33	32	28	29	28	24	25	24
	9'	9	9	8	7	7	6	25	26	25	22	23	22	19	20	19

For 27K 80CRI fixtures, use 0.96 multiplier;  
 for 27K 90CRI fixtures, use 0.79 multiplier;  
 for 27K 97CRI fixtures, use 0.72 multiplier;  
 for 30K 90CRI fixtures, use 0.83 multiplier;  
 for 30K 97CRI fixtures, use 0.75 multiplier;  
 for 35K 80CRI fixtures, use 1.02 multiplier;  
 for 35K 90CRI fixtures, use 0.84 multiplier;  
 for 40K 80CRI fixtures, use 1.03 multiplier;  
 for 40K 90CRI fixtures, use 0.85 multiplier;  
 for 40K 97CRI fixtures, use 0.78 multiplier.