


**TRAC-MASTER™**

Wall Wash/Floods

# 20W LED WALL WASH/FLOOD

**T258L**

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

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

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

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



## PRODUCT DESCRIPTION

The T258L LED wall wash/flood trac fixtures deliver a powerful and uniform punch of light, utilizing less energy than a comparable CMH fixture and offering up to 4 times the rated life. They are capable of delivering up to 2567 powerful lumens, yielding an efficacy of up to 128 lumens per watt. Employing a custom hyperbolic reflector, they provide a uniform, wide beam of light. Their unique, narrow profile enables them to fit nicely with accent spotlights on the trac. Their 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 T258L LED wall wash/flood trac fixtures are 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.

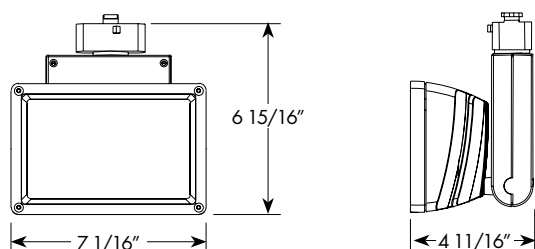
**Warranty** 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-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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**20W LED WALL WASH/FLOOD****T258L****ORDERING INFORMATION**

Ordering Example: T258L G2 30K 80CRI PDIM WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish
<b>T258L</b> 20W 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:

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

**20W LED WALL WASH/FLOOD****T258L****PERFORMANCE DATA<sup>1</sup>**











Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
<b>T258L G2 27K 80CRI</b>	120V	20.1	2392	119	50,000
<b>T258L G2 27K 90CRI</b>	120V	20.1	1969	98	50,000
<b>T258L G2 27K 97CRI</b>	120V	20.1	1794	89	50,000
<b>T258L G2 30K 80CRI</b>	120V	20.1	2492	124	50,000
<b>T258L G2 30K 90CRI</b>	120V	20.1	2068	103	50,000
<b>T258L G2 30K 97CRI</b>	120V	20.1	1869	93	50,000
<b>T258L G2 35K 80CRI</b>	120V	20.1	2542	126	50,000
<b>T258L G2 35K 90CRI</b>	120V	20.1	2093	104	50,000
<b>T258L G2 40K 80CRI</b>	120V	20.1	2567	128	50,000
<b>T258L G2 40K 90CRI</b>	120V	20.1	2118	105	50,000
<b>T258L G2 40K 97CRI</b>	120V	20.1	1944	97	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>T258L G2</b>	
Input Voltage	120V
Input Current (max.)	0.18A
Power Factor	>0.90
T.H.D	<20%

**T258L G2 30K 80CRI WALL WASH/FLOOD****TRAC 3' FROM WALL**

		Single Fixture Performance							Multiple Fixture Performance											
		Distance from ceiling	0	1'	2'	3'	4'	5'	←4'→	←5'→	←6'→	←7'→	←8'→	←9'→	←10'→	←11'→				
TRAC 3' FROM WALL																				
 50°	1'		91	75	43	18	8	4	106	89	106	97	57	97	93	36	93			
	2'		75	65	44	25	12	5	99	93	99	86	70	86	81	50	81			
	3'		48	43	32	21	13	7	74	71	74	61	55	61	54	43	54			
	4'		30	28	22	16	11	7	52	51	52	43	40	43	37	33	37			
	5'		19	18	15	12	9	6	36	36	36	31	30	31	26	25	26			
	6'		12	12	10	8	7	5	27	27	27	23	22	23	19	19	19			
	7'		8	8	7	6	5	4	20	20	20	17	17	17	14	14	14			
	8'		6	5	5	4	4	3	15	15	15	13	13	13	11	11	11			
	9'		4	4	4	4	3	3	2	11	12	11	10	10	10	9	9	9		
	20W LED 30K, 80CRI																			

**TRAC 4' FROM WALL**

		Single Fixture Performance						Multiple Fixture Performance											
		Distance from ceiling	0	1'	2'	3'	4'	5'	← 4' →			← 5' →			← 6' →				
<div>TRAC 4' FROM WALL</div> <div></div> <div>20W LED 30K, 80CRI</div>																			
	1'		42	39	29	16	8	5	59	63	59	52	47	52	48	32	48		
	2'		50	45	34	23	13	7	78	77	78	65	61	65	58	47	58		
	3'		38	35	29	21	14	8	67	66	67	55	53	55	47	43	47		
	4'		27	26	22	17	12	8	52	53	52	44	42	44	37	35	37		
	5'		19	18	16	13	10	7	40	41	40	33	33	33	29	28	29		
	6'		13	13	11	10	8	6	31	31	31	26	26	26	23	22	23		
	7'		9	9	8	7	6	5	24	24	24	20	21	20	18	17	18		
	8'		7	7	6	5	5	4	18	19	18	16	16	16	14	14	14		
	9'		5	5	5	4	4	3	14	15	14	12	13	12	11	11	11		

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.