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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.

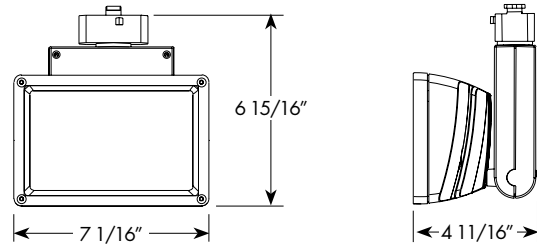
Dimming Standard 120V version is dimmable using high quality reverse phase ELV dimmers approved by Juno - see [T258LG2-T259LG2-T260L-DIM](#).

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 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.

DIMENSIONS



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.

Labels UL and cUL Listed • ENERGY STAR® certified.

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: T258L G2 30K 80CRI PDM WH

Series	Mounting Adapter Type	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish
T258L 20W LED Wall Wash/Flood	(Blank) Universal 120V Trac Adapter	G2 Gen 2	27K 2700K	80CRI 80 CRI	OFF On/Off (Non-Dimming) PDM Phase Dimmable	BL Black SL Silver WH White
	HTEK ¹ HTEK 277V Trac Adapter		30K 3000K	90CRI 90 CRI		
	TEK TEK 120V Trac Adapter		35K 3500K	97CRI ² 97 CRI		
			40K 4000K			

Accessories			
SNOOTBL RECT2	Snoot - Black	TBDR BLCK RECT2	Barn Doors - Black
SNOOTSL RECT2	Snoot - Silver	CBLBL RECT2	Cross Blade Louver - Black
SNOOTWH RECT2	Snoot - White	CBSL RECT2	Cross Blade Louver - Silver
EYEBROWBL RECT2	Eyebrow - Black	CBLWH RECT2	Cross Blade Louver - White
EYEBROWSL RECT2	Eyebrow - Silver	T4ON ³	Monopoint Canopy
EYEBROWWH RECT2	Eyebrow - White		

Notes:

- 1 HTEK versions available with OFF option only.
- 2 Available in 27K, 30K, and 40K versions only.
- 3 Add finish code to complete catalog number (Example: T4ON WH).

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

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

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T258L

PERFORMANCE DATA¹

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
T258L G2 27K 80CRI	120V	20.1	2392	119	50,000
T258L G2 27K 90CRI	120V	20.1	1969	98	50,000
T258L G2 27K 97CRI	120V	20.1	1794	89	50,000
T258L G2 30K 80CRI	120V	20.1	2492	124	50,000
T258L G2 30K 90CRI	120V	20.1	2068	103	50,000
T258L G2 30K 97CRI	120V	20.1	1869	93	50,000
T258L G2 35K 80CRI	120V	20.1	2542	126	50,000
T258L G2 35K 90CRI	120V	20.1	2093	104	50,000
T258L G2 40K 80CRI	120V	20.1	2567	128	50,000
T258L G2 40K 90CRI	120V	20.1	2118	105	50,000
T258L G2 40K 97CRI	120V	20.1	1944	97	50,000

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

ELECTRICAL DATA

T258L G2	
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

TRAC 3' FROM WALL	Distance from ceiling	Single Fixture Performance						Multiple Fixture Performance								
		0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →	← 7' →	← 8' →	← 9' →			
20W LED 30K, 80CRI	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	3	3	2	11	12	11	10	10	10	9	9	9

TRAC 4' FROM WALL

TRAC 4' FROM WALL	Distance from ceiling	Single Fixture Performance						Multiple Fixture Performance								
		0	1'	2'	3'	4'	5'	← 4' →	← 5' →	← 6' →	← 7' →	← 8' →	← 9' →			
20W LED 30K, 80CRI	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.