


**MONOLINE®**

Wall Wash/Floods

# 41W LED WALL WASH/FLOOD

**SP259MLL G2**


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

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

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

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

## PRODUCT DESCRIPTION

The SP259MLL LED wall-wash/flood track fixture delivers a powerful and uniform punch of light, utilizing less energy than a similar 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 smooth, 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 SP259MLL LED wall-wash/flood trac fixture is compatible with Juno Monoline trac.



## PRODUCT SPECIFICATIONS

**Construction** 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 a rich Satin Nickel plated finish.

**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.

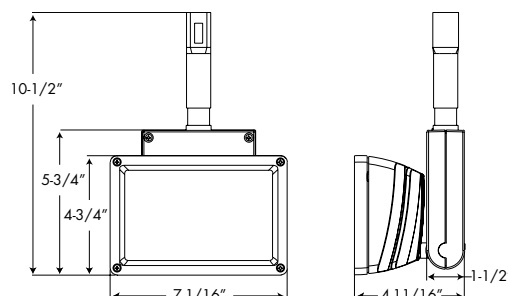
**Dimming** Standard version is dimmable using high quality factory-approved reverse phase ELV dimmers - see [T258LG2-T259LG2-T260L-DIM](#).

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

**Aiming** 360° horizontal coverage • 90° vertical aiming capability • Concealed vertical aiming lock screw to secure fixture aiming.

**Adapter** Patented Power Grab™ fixture adapter requires no tools and has no loose parts • Allows fixture to hang on track prior to securing adapter, enabling simple and precise fixture positioning • Nickel plated contacts for reliable power connections and no arcing.

## DIMENSIONS



**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](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx). Specifications subject to change without notice.

## ORDERING INFORMATION

Ordering Example: SP259MLL G2 27K 97CRI PDIM STN

Series	Generation	Color Temperature	Color Rendering Index	Dimming Compatibility	Finish
SP259MLL Monoline® LED Wall Wash/Flood	G2 Generation 2	27K 2700K 30K 3000K 35K 3500K 40K 4000K	80CRI 80 CRI 90CRI 90 CRI 97CRI <sup>1</sup> 97 CRI	PDIM Phase Dimmable	STN Satin Nickel

Accessories			
SNOOTBL RECT2	Snoot - Black	CBLBL RECT2	Cross Blade Louver - Black
SNOOTSL RECT2	Snoot - Silver	CBSL RECT2	Cross Blade Louver - Silver
EYEBROWBL RECT2	EyeBrow - Black	TBDR BLK RECT2	Barn Doors - Black
EYEBROWSL RECT2	EyeBrow - Silver		

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

Notes:  
1 2700K, 3000K and 4000K only.




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**41W LED WALL WASH/FLOOD**
**SP259MLL G2**
**PERFORMANCE DATA¹**

Catalog Number	Input Voltage	Input Watts (Typical)	Lumens	Efficacy (LPW)	Rated Life (Hours)
SP259MLL G2 27K 80CRI	120V	41.1	4308	105	50,000
SP259MLL G2 27K 90CRI	120V	41.1	3545	86	50,000
SP259MLL G2 27K 97CRI	120V	41.1	3231	79	50,000
SP259MLL G2 30K 80CRI	120V	41.1	4487	109	50,000
SP259MLL G2 30K 90CRI	120V	41.1	3724	91	50,000
SP259MLL G2 30K 97CRI	120V	41.1	3365	82	50,000
SP259MLL G2 35K 80CRI	120V	41.1	4577	111	50,000
SP259MLL G2 35K 90CRI	120V	41.1	3769	92	50,000
SP259MLL G2 40K 80CRI	120V	41.1	4622	112	50,000
SP259MLL G2 40K 90CRI	120V	41.1	3814	93	50,000
SP259MLL G2 40K 97CRI	120V	41.1	3500	85	50,000


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.)	0.35A
Power Factor	>0.90
Power Factor	<20%

**SP259MLL G2 30K 80CRI WALL WASH/FLOOD**
**TRAC 3' FROM WALL**

 41W LED 30K, 80CRI	Distance from ceiling	Single Fixture Performance						Multiple Fixture Performance											
	0	1'	2'	3'	4'	5'		← 4' →		← 5' →		← 6' →							
	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
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**

 41W LED 30K, 80CRI	Distance from ceiling	Single Fixture Performance						Multiple Fixture Performance											
	0	1'	2'	3'	4'	5'		← 4' →		← 5' →		← 6' →							
	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
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.