



# ARCHITECTURAL STW180

® 2 1/4" WIDE INDIRECT SUSPENSION MOUNTED STRIP LUMINAIRE



JOB	
TYPE	
DATE	

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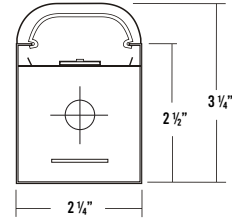
TEL: 626-454-8300

## SUSPENSION MOUNTED LUMINAIRE

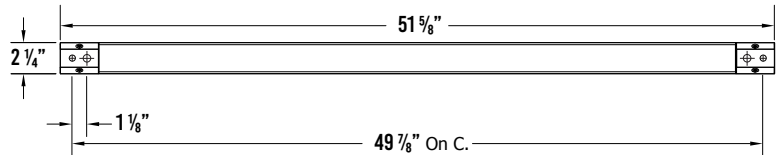
## DIMENSIONS

### CROSS SECTION

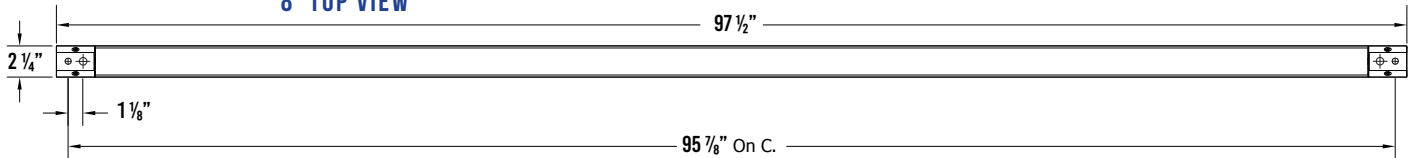
- ⊕ 7/8" K.O.
- ⊕ 5/8" K.O.



### 4' TOP VIEW



### 8' TOP VIEW



## SPECIFICATIONS

### CONSTRUCTION

- 22 gauge cold-rolled steel housing
- 22 gauge cold-rolled steel mounting boxes on each end

### FINISH

- Baked white powder-coated finish
- Painted after fabrication
- Minimum reflectance 90%

### OPTICAL

- Frosted white acrylic lens

### ELECTRICAL

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

### LISTING

- UL USA and Canada listed / suitable for damp locations

### WARRANTY

- 5-Year limited warranty standard. 10-Year limited warranty also available

## APPLICATIONS

- Architectural, Office, Retail, Commercial

## FEATURES

- 0-10V Dimming driver standard
- Supports California Title 24 compliance

## OPTIONS CONTACT CUSTOMER SERVICE FOR ADDITIONAL OPTIONS

- Row mounting
- Variety of lenses
- Custom housing colors
- Emergency battery pack
- Canopy suspension systems
- Tunable white (2700K-6500K)
- Customization available upon request

## CUSTOM COLORS

BLK - Matte Black

CS - Camaro Silver

BZ - Statuary Bronze



Variety of RAL colors available upon request.



Los Angeles Lighting Mfg. Co.

Contact Us  
 T: 626-454-8300  
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 www.lalighting.com

10141 Olney Street  
 El Monte, CA 91731  
 Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

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**ORDERING INFORMATION**    **ADDITIONAL OPTIONS AVAILABLE. VISIT [WWW.LALIGHTING.COM/RESOURCES](http://WWW.LALIGHTING.COM/RESOURCES) FOR MORE INFORMATION**

**EXAMPLE: STW180-4-4L-FRWA-BPLSL1.5-DRDM-UNV-1/840**

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	COLOR	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
<b>STW180</b>				<b>FRWA</b>		<b>DRDM</b>	<b>UNV</b>	<b>1</b>	
<b>STW180</b> • 2 1/4" Wide Indirect Suspension Mounted Strip Luminaire	2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm  <b>High Efficacy</b> 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm	<b>4L</b> • 4'	<b>(Blank)</b> • Standard White  <b>BLK</b> • Matte Black  <b>BZ</b> • Statuary Bronze  <b>CS</b> • Camaro Silver	<b>FRWA</b> • Frosted White Acrylic	<b>BPLSL1.5</b> • 1500 lm Emergency Battery Pack Slim Casing  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver	<b>UNV</b> • 120V-277V	<b>1</b> • 1 LED Row	<b>827</b> • 80+CRI / 2700K  <b>830</b> • 80+CRI / 3000K  <b>835</b> • 80+CRI / 3500K  <b>840</b> • 80+CRI / 4000K  <b>850</b> • 80+CRI / 5000K  <b>865</b> • 80+CRI / 6500K  <b>8TW</b> • 80+CRI Tunable White 2700K-6500K <b>90CRI Also available</b> Contact customer service for additional CRI/ CCT packages.
	4 - 4000lm 8 - 8000lm 12 - 12000lm 16 - 16000lm  <b>High Efficacy</b> 4HE - 4000lm 8HE - 8000lm 12HE - 12000lm	<b>8L</b> • 8'							
Standard options for STW180 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.									



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 BAA Compliant

SYSTEM DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT CUSTOMER SERVICE FOR MORE INFORMATION

4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	STW180-2-4L-FRWA-DRDM-UNV-1/840	1976	16	123.5 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	STW180-4-4L-FRWA-DRDM-UNV-1/840	3004	34.2	87.8 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	STW180-6-4L-FRWA-DRDM-UNV-1/840	4648	52.5	88.5 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8000 Lumens (Nominal)	STW180-8-4L-FRWA-DRDM-UNV-1/840	6213	66.4	93.6 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
4' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	STW180-2HE-4L-FRWA-DRDM-UNV-1/840	1853	14.1	131.9 lm/W	-20°C / 35°C (-4°F / 95°F)	1-F32T8	*
4000 Lumens (Nominal)	STW180-4HE-4L-FRWA-DRDM-UNV-1/840	3620	26.3	137.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8 1-F54T5HO	*
6000 Lumens (Nominal)	STW180-6HE-4L-FRWA-DRDM-UNV-1/840	5010	39.5	126.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3-F32T8	*
8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	STW180-4-8L-FRWA-DRDM-UNV-1/840	3252	28.7	113.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	STW180-8-4L-FRWA-DRDM-UNV-1/840	6496	63.6	102.1 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	STW180-12-4L-FRWA-DRDM-UNV-1/840	9651	100.7	95.8 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*
16000 Lumens (Nominal)	STW180-16-4L-FRWA-DRDM-UNV-1/840	12772	103.3	123.6 lm/W	-20°C / 35°C (-4°F / 95°F)	8-F32T8 4-F54T5HO	*
8' - LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	STW180-4HE-8L-FRWA-DRDM-UNV-1/840	3191	22.5	141.7 lm/W	-20°C / 35°C (-4°F / 95°F)	2-F32T8	*
8000 Lumens (Nominal)	STW180-8HE-4L-FRWA-DRDM-UNV-1/840	6304	46.4	135.9 lm/W	-20°C / 35°C (-4°F / 95°F)	4-F32T8 2-F54T5HO	*
12000 Lumens (Nominal)	STW180-12HE-4L-FRWA-DRDM-UNV-1/840	9523	73.6	129.4 lm/W	-20°C / 35°C (-4°F / 95°F)	6-F32T8 3-F54T5HO	*

**NOTE:**  
 System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.  
 This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.  
 Additional lumen packages and color temperatures available.



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**MOUNTING ACCESSORIES**

**CANOPY / CABLE SUSPENSION SYSTEM**

- Self-locking, one-step adjustable suspension device with canopies
- Provides full 360° rotation



**433B**

- Canopy with cable
- No power cord
- Cable length 48" and 96"
- Max. Weight 196 lbs.

**433B-48 W**

**COLOR**

- W** - White
- B** - Black

**CABLE LENGTH**

- 48** - 48 inches
- 96** - 96 inches
- (Other lengths as specified)



**444F**

- Feed-in canopy with straight cord
- Includes power cord
- Cable length 48" and 96"
- Max. Weight 196 lbs

**444F-48SW-2C**

**# OF CIRCUITS**

- 2C** - Two circuits
- LV** - 0-10V dimming
- Blank** - One circuit

**COLOR**

- W** - White
- B** - Black

**CORD TYPE**

- S** - Straight cord

**CABLE LENGTH**

- 48** - 48 inches
- 96** - 96 inches
- (Other lengths as specified)



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