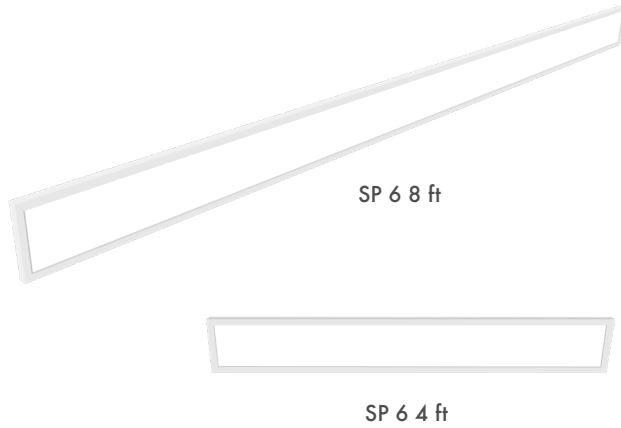


PROJECT:	_____
CATALOG #:	_____
FIXTURE TYPE:	_____
NOTES:	_____

SP Slim Panel Gen 1 Design Series



PERFORMANCE INFORMATION

SIZE	SERIES NUMBER	WATT	LUMENS	CCT
6" x 4'	SP 6 4 30 G1 35K	27W	2,754	3500K
6" x 4'	SP 6 4 40 G1 35K	40W	4,160	3500K
6" x 8'	SP 6 8 60 G1 35K	54W	5,508	3500K
6" x 8'	SP 6 8 80 G1 35K	80W	8,320	3500K

The *SP Slim Panel Gen 1 Design Series* is an edge-lit panel that offers balanced illumination and imitates the desired aesthetic for low-plenum applications. The slim and shallow frame at a depth of 2 inch is simple and stylistic. The frosted polystyrene lens provides even and diffused ambient lighting that is glare-free. This luminaire is available in 4 ft and 8 ft.

APPLICATIONS

Commercial, Educational, Healthcare Facilities, Medical, Offices, and Retail, etc.

REPLACEMENT

Up to 4 lamp F32T8 or 4 lamp F28T5

FEATURES



Driver Box



Slim Frame

ORDERING GUIDE				EXAMPLE: SP 6 4 80 G1 35K				
Luminaire Type	Width	Size	Lumen Output*	Generation	Voltage	CCT	Finish	Options
SP SlimPanel	6 inch	4 ft	30 2,754 Lumens 40 4,160 Lumens	G1	BLANK= 120-277V	35K 3500K	BLANK= White	BLANK=No Option EML-16=Emergency Battery
		8 ft	60 5,508 Lumens 80 8,320 Lumens					

Due to continuous product improvements, specification and/or equipment updates may change without notice.

SPECIFICATIONS

HOUSING

Body consists of extruded aluminum.

AMBIENT TEMPERATURE

Suitable for use in 0°C to 40°C (32°F to 104°F)

MOUNTING

Recessed mounting.

EFFICACY

Up to 104 lumens per watt (see individual wattage data)

CCT AND CRI

3500K CCT available; 80+CRI

OPTICS

Frosted polystyrene lens.

WARRANTY

5-year limited warranty. Comprehensive warranty terms can be located on www.slgus.com.

ELECTRICAL

High quality constant current drivers rated for 50/60Hz. Operation 120-277V input. Standard 0-10V dimming.

ENERGY DATA

Power factor above 90%.

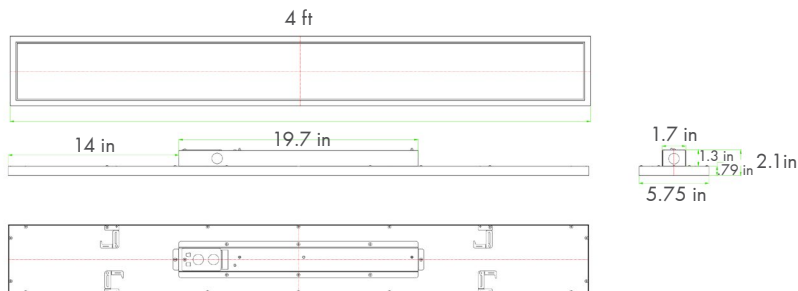
FINISH

Standard Polyester Powder White finish. Multi-stage process for superior corrosion resistance and maximum durability.

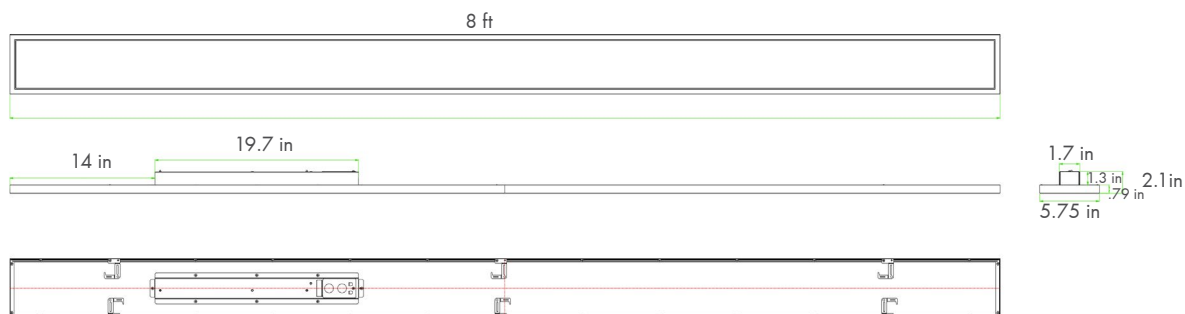
CERTIFICATIONS

UL Listed for damp and dry locations. FCC compliant. RoHs compliant. Design Lights Consortium® (DLC) qualified product pending.

DIMENSIONS



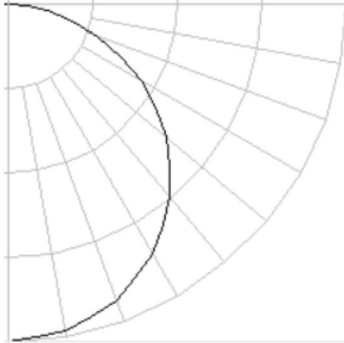
SP 6 4 ft



SP 6 8 ft

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PHOTOMETRIC DATA

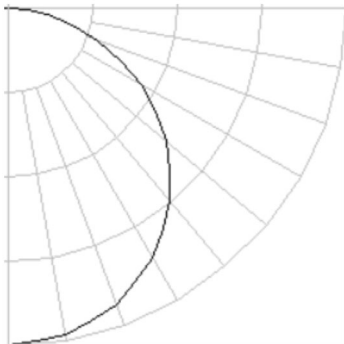


SP 6 4 30 G1 35K

Lumens: 2,754 Lumens
 Power: 27W
 Efficacy: 102 lm/W

CANDLEPOWER DISTRIBUTION			
Vertical °	Horizontal °		
	0 °	45 °	90 °
45 °	675	657	639
65 °	369	341	483
75 °	203	169	309
85 °	62	35	7

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixt
0-30	774	28.10
0-40	1267	46.00
0-60	2210	80.30
0-90	2753	100.00



SP 6 4 40 G1 35K

Lumens: 4,160 Lumens
 Power: 40W
 Efficacy: 104 lm/W

CANDLEPOWER DISTRIBUTION			
Vertical °	Horizontal °		
	0 °	45 °	90 °
45 °	978	920	895
65 °	531	477	676
75 °	288	237	433
85 °	85	49	10

ZONAL LUMEN SUMMARY		
Zone	Lumens	%Fixt
0-30	832	20.60
0-40	1872	45.70
0-60	3328	80.10
0-90	4160	100.00

Due to continuous product improvements, specification and/or equipment updates may change without notice.

ACCESSORIES

PART NUMBER	DESCRIPTION	IMAGE	DIMENSION
EML-16	Emergency Driver 16W		17.14" x 2.13" x 1.38"

EMERGENCY BATTERY ELECTRICAL PERFORMANCE

OUTPUT POWER	16W
Input Power	6W (Max)
Output Voltage	15-54V
Input Voltage	120-277 VAC 50/60Hz
Emergency Operations	>90 min
Operating Temperature	32°F to 122°F
Battery	High Temp Nickel-Cadmium 48 Hrs Recharge 7-10 Year Life Expectancy

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LUMEN AMBIENT TEMPERATURE (LAT) MULTIPLIERS

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

ELECTRICAL DATA

Watt	Current (A)			
	120V	208V	240V	277V
27W	0.23	0.13	0.11	0.10
40W	0.33	0.19	0.17	0.14
54W	0.45	0.26	0.23	0.19
80W	0.67	0.38	0.36	0.29

PROJECTED LED LUMEN MAINTENANCE

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.97	0.97	0.96

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