

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

# SL Slot Recessed Linear Gen 1 Design Series



## PERFORMANCE INFORMATION

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

The *SL Slot Recessed Linear 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



ORDERING GUIDE							EXAMPLE: SL 6 4 80 G1 35K		
Luminaire Type	Width	Size	Lumen Output*	Generation	Voltage	CCT	Finish	Options	
SL Slot Recessed Linear	6 inch	4 ft	30 2,754 Lumens 40 4,160 Lumens	G1	BLANK= 120-277V	35K 3500K	BLANK= White	BLANK=No Option EL UNV-8W-PANEL=Emergency Driver 8W	
		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](http://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%.

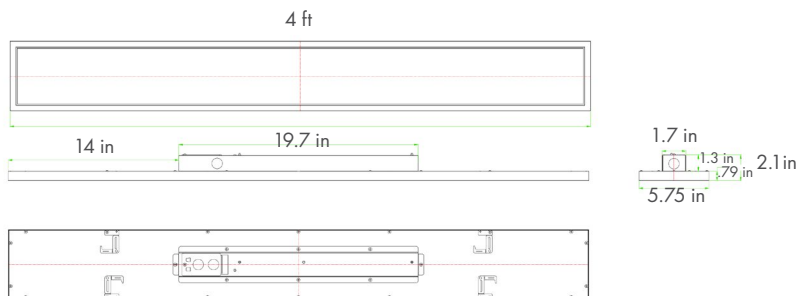
### FINISH

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

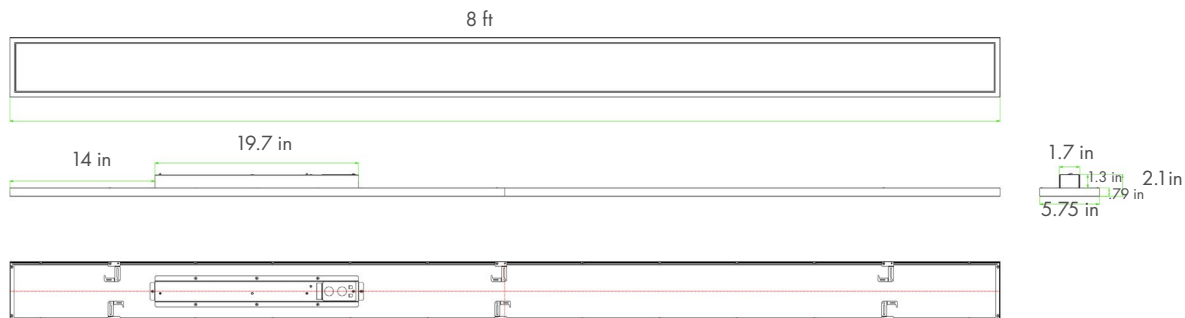
### CERTIFICATIONS

UL Listed for damp and dry locations. FCC compliant. RoHs compliant.

## DIMENSIONS



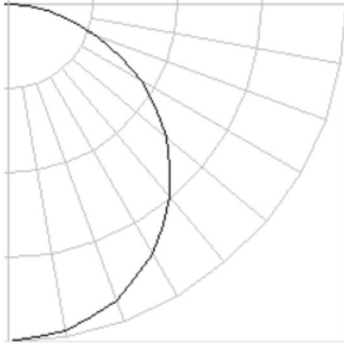
SL 6 4 ft



SL 6 8 ft

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## PHOTOMETRIC DATA

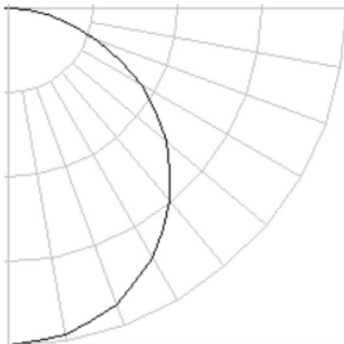


### SL 6 4 30 G1 35K

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



### SL 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

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## ACCESSORIES

PART NUMBER	DESCRIPTION	IMAGE	DIMENSION
EL UNV-8W-PANEL	Emergency Driver 8W		9.45" x 1.77" x 1.20"

## EMERGENCY BATTERY ELECTRICAL PERFORMANCE

OUTPUT POWER	8W
Input Power	5W (Max)
Output Voltage	15-50V
Input Voltage	100-277 VAC 50/60Hz
Emergency Operations	>90 min
Operating Temperature	50°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
<b>25°C</b>	<b>77°F</b>	<b>1.00</b>
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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