

ELS-2G

Project Name:	
Type:	



APPLICATION

The ELS is compact size LED strip with field adjustable wattage and color temperature. An Ideal for a size restricted architectural applications as well as for storage areas, displays, institutions, industrial and retail applications.

FEATURES:

- Die-formed steel channel with knock-outs for versatile configuration and simple mounting.
- One continuous lens for 8-foot fixtures.
- All Steel surfaces are painted after fabrication with high gloss baked white matte powder paint.
- Frosted lens.
- Field adjustable wattage and color temperature.
- 8.0% upright.
- Paint after fabrication.
- Sheet metal stamping.

MOUNTING:

- Fixture is wall or surface mounted or pendant mounted, or suspended mounted with chains. (V-hook and chain kit is ordered separately)
- Compatible with most ceiling types.

LED:

- Long-life, high-efficacy, micro-power LEDs.
- Color Rendering Index: > 80
- Field adjustable color temperature: 3500/4000/5000(K)
- Field adjustable wattage.
- Reported L70 (hours): >100,000

ELECTRICAL:

- High power factor electronic driver, operate from a 120 ~ 277 Vac input range.
- Features included over surge protection.
- Power Factor: typical > 0.90, THD <20.
- Dimming Control: 0-10V 10%~100%.
- The dim-to-off voltage threshold of optional 12V AUX integrated driver ranges from 0.1V to 0.5V.
- Operating Temperature: -4°F (-20°C) ~ 122°F (50°C).
- <ELCU-200>
- Guarantees emergency lighting remains ON or is turned on when power to the control device is lost.
- Interfaces with fire alarm panel or security system.
- "Watchdog" feature allows emergency loads to be controlled in tandem with normal power loads.
- UL listed for use in emergency circuits.

LISTING:

- UL listed and labeled.
- DLC listed.
- Suitable for damp locations.
- CEC Compliant EM (please contact for more information)
- 5 years warranty.
- ARRA compliant (optional).

CONFIGURATIONS

	Size	LED Watts	Lumen Output	Color Temp.	Lumen Efficiency	
ELS-2G	2FT	15W, 20W, 25W	1950lm, 2600lm, 3250lm	3500K	130 lm/W	
		4FT	25W, 30W, 40W			3250lm, 3900lm, 5200lm
			34W, 38W, 45W			4420lm, 4940lm, 5850lm
	8FT	55W, 60W, 65W	7150lm, 7800lm, 8450lm			
		65W, 75W, 90W	8450lm, 9750lm, 11700lm			
	4FT	15W, 20W, 25W	1965lm, 2620lm, 3275lm			4000K
		4FT	25W, 30W, 40W	3275lm, 3930lm, 5240lm		
			34W, 38W, 45W	4454lm, 4978lm, 5895lm		
	8FT	55W, 60W, 65W	7205lm, 7860lm, 8515lm			
		65W, 75W, 90W	8515lm, 9825lm, 11790lm			
	8FT	15W, 20W, 25W	1980lm, 2640lm, 3300lm	5000K	132 lm/W	
		4FT	25W, 30W, 40W			3300lm, 3960lm, 5280lm
34W, 38W, 45W			4488lm, 5016lm, 5940lm			
8FT	55W, 60W, 65W	7260lm, 7920lm, 8580lm				
	65W, 75W, 90W	8580lm, 9900lm, 11880lm				

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ORDERING INFORMATION

EXAMPLE: ELS-2G-4-L3S-3T-UNV

MODEL	LENGTH		LED		COLOR TEMP.		VOLTAGE		MOUNTING			
ELS-2G	2	2' Length	M3S	15W /20W /25W LED	3T	Selectable 35/40/50K	UNV	120-277V	(Blank)	Surface Mount		
	4	4' Length	M3S H3S	25W /30W /40W LED 34W /38W /45W LED						HV	347-480V	V-Hook
	8	8' Length	M3S H3S	55W /60W /65W LED 65W /75W /90W LED						TB	T-bar Clip Mounting	
									CHxx	Chain for use with V-hook (xx=length)		
									ACxx	Adjustable Aircraft Cable w/ Canopy (* xx = Specify length (48 or 96))		
									YCxx	Adjustable Aircraft Y-cable with Toggles (* xx = Specify length in inches (60, 120, 180))		

FINISH		PRESET		OPTIONS	
(Blank)	Semi-Glossy White (Std.)	(Blank)	Non-Preset	EMG8	1296 LUMEN EM Battery Backup (CEC Compliant EM) ¹
*BK	Black (RAL#9011)	PS(Lxx,yyK)	Preset Request; XX for watt, YY for CCT	EMG15	2430 LUMEN EM Battery Backup (CEC Compliant EM) ¹
**CC	Custom Color ³			EMG20	3240 LUMEN EM Battery Backup (CEC Compliant EM) ¹
*AMB	Anti-Microbial Coating (Matte Skye White)			EMG25	4050 LUMEN EM Battery Backup (CEC Compliant EM) ¹
	* Non-standard finish with extra charge. ** CC: additional charge & set up fee. Provide RAL# code.		*Factory default setting: 4-L25-40K 4-L38-40K 6-L46-40K 8-L75-40K	ELCU-200	Fail-to-on Emergency lighting, UL924 ²
				WG	Wire Guard
				AMB	Anti-Microbial Coating (Matte Skye White)
				LOS-502S	Fixture external mount, PIR Occupancy Sensor, no dimming support, 120/277V with standard cone shape lens (15ft) with 1.18" extension joint. Adjustable through a dip switch.
				HC403	Microwave bi-level Occupancy Sensor, adjustable via DIP switch ⁴
				HRC-05	Remote control for HC403 sensor
				EFS01RE	Fixture external mount, PIR Occupancy Sensor, Dimming, Day Light Harvesting and Bi-Level support. 120-277V with lens and extension joint.
				ARRA	Assembled in USA for Buy American Act
				COUP	Linkable Coupling

LIGHTING CONTROL SYSTEM	
PPA102S	<Bluetooth> Bluetooth Powerpack (Consult factory for installation location)

NOTES:

- Contact factory for other emergency ballast options.
- Shipped separately.
- Refer to color charts (RAL and/or Cardinal) in the separate attachment.
- See Table2 to find factory setting.

COMPATIBLE DIMMER SWITCH (TABLE 1)

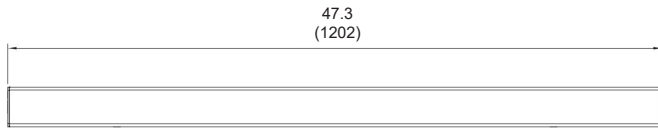
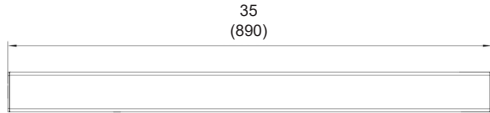
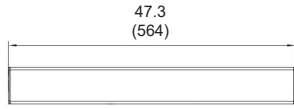
Model #	Brand	Compatible Dimmer Switch	
(Blank)	-	<Lutron>	Maestro MS-Z101, Nova NTSTV, Diva DVSTV
		<Philips>	Sunrise SR1200ZTUNV

HC403 FACTORY SETTING (TABLE 2)

Detection Area	100%
Hold-time	5 sec
Daylight sensor	Disable
Stand-by period (tri-level control)	10 sec
Stand-by dimming level	10%

* See a separate attachment to find more setting options.

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All dimensions are in inches (millimeters).

