

Key Features & Benefits:

- Wattage and Kelvin Selectable
- Slim Design for Multiple Applications
- Damp Location
- 0–10V Dimming
- Back Lit for Uniform Lighting

Project:

Date:

Catalog #:

Notes:

Product Specifications:

Selectable Wattage: 20W–30W–40W
 Selectable Kelvin: 3500K–4000K–5000K
 Lumen Output: -1 Lumens
 Max Lumen Output: 125 Lumens
 Max Efficacy: 5000 lm/W
 Voltage: 120–277 VAC
 Input Frequency: 50/60 Hz
 Power Factor: >0.9
 THD: 80
 Dimensions: L47.8" x W11.97" x H1.38"
 Weight (lbs): 4.15
 Finish: WH (White)
 L70 Lifetime Calculated per TM21: 100,000 hrs
 Warranty: 5 Year



Ordering Guide:

ESL	TYPE	SIZE	SELECTABLE WATTAGE	GEN	KELVIN	SELECTABLE KELVIN
ESL	CSS-820	14	2040W	3	3	3550
	(CSS-820) Contractor Series Selectable Backlit Panel	(14) 1x4 (22) 2x2 (24) 2x4	(2040W) 20W–30W–40W - 1x4, 2x2 (3050W) 30W–40W–50W - 2x4	(3) 3rd Gen		(3550K) 3500K–4000K–5000K

FACTORY INSTALLED OPTIONS

EM15	Emergency Backup Battery Unit, Auto Test Function, 15 Watts Output, 90 Minutes Min, 100–347 VAC Input, 170 VDC Output, Closed Frame with Flex Conduits, UL Listed for Factory or Field Install, Li-ion Battery
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FIELD INSTALLED ACCESSORIES

ESL-ACCS-14-SMK-02	1x4 Panel Surface Mount Kit
ESL-ACCS-22-SMK-02	2x2 Panel Surface Mount Kit
ESL-ACCS-24-SMK-02	2x4 Panel Surface Mount Kit
ESL-ACCS-14-FLK-01	Flange Kits for 1x4
ESL-ACCS-22-FLK-01	Flange Kits for 2x2
ESL-ACCS-24-FLK-01	Flange Kits for 2x4
ESL-ACCS-ACHK-S2	Aircraft Hanging Kit

Catalog Data:

ITEM#	SELECTABLE WATTAGE	SELECTABLE KELVIN	MAX LUMEN OUTPUT	MAX EFFICACY (lm/w)	DIMENSIONS
1x4 SELECTABLE PANEL					
ESL-CSS-820-14-2040W-33550K	20W–30W–40W	3500K–4000K–5000K	5,000	125	47.81" x 12" x 1.38"
2x2 SELECTABLE PANEL					
ESL-CSS-820-22-2040W-33550K	20W–30W–40W	3500K–4000K–5000K	5,000	125	23.81" x 23.81" x 1.38"
2x4 SELECTABLE PANEL					
ESL-CSS-820-24-3050W-33550K	30W–40W–50W	3500K–4000K–5000K	6,250	125	47.81" x 23.81" x 1.8"

Electrical Load — Standard Voltage:

SYSTEM WATTS	INPUT CURRENT				INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	DIMMING
	120 VAC	208 VAC	240 VAC	277 VAC						
20	0.17	0.10	0.08	0.07	120–277 VAC	50/60 Hz	>0.9	<20%	-4°F to 113°F (-20°C to 45°C)	0–10V Dimming
30	0.25	0.14	0.13	0.11	120–277 VAC	50/60 Hz	>0.9	<20%	-4°F to 113°F (-20°C to 45°C)	0–10V Dimming
40	0.33	0.19	0.17	0.14	120–277 VAC	50/60 Hz	>0.9	<20%	-4°F to 113°F (-20°C to 45°C)	0–10V Dimming
50	0.42	0.24	0.21	0.18	120–277 VAC	50/60 Hz	>0.9	<20%	-4°F to 113°F (-20°C to 45°C)	0–10V Dimming

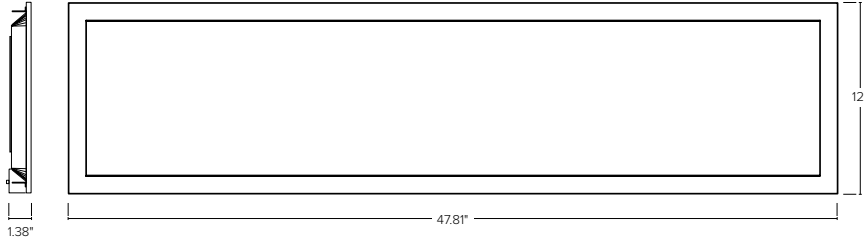
Lumen Ambient Temperature (LAT) Multipliers:

AMBIENT	LUMEN MULTIPLIER
0 °C 32 °F	1.02
10 °C 50 °F	1.01
20 °C 68 °F	1.00
25 °C 77 °F	1.00
30 °C 86 °F	1.00
40 °C 104 °F	0.99
50 °C 122 °F	0.96

Dimensions:

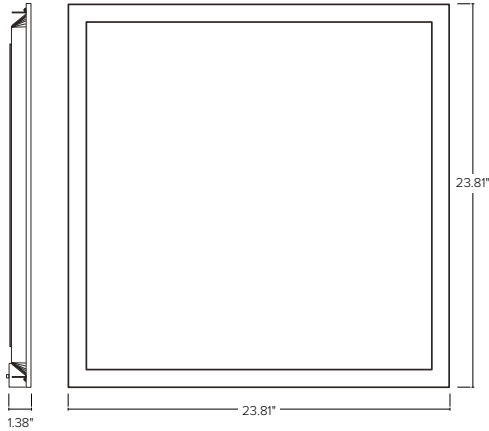
1x4

ESL-CSS-820-14-2040W-33550K



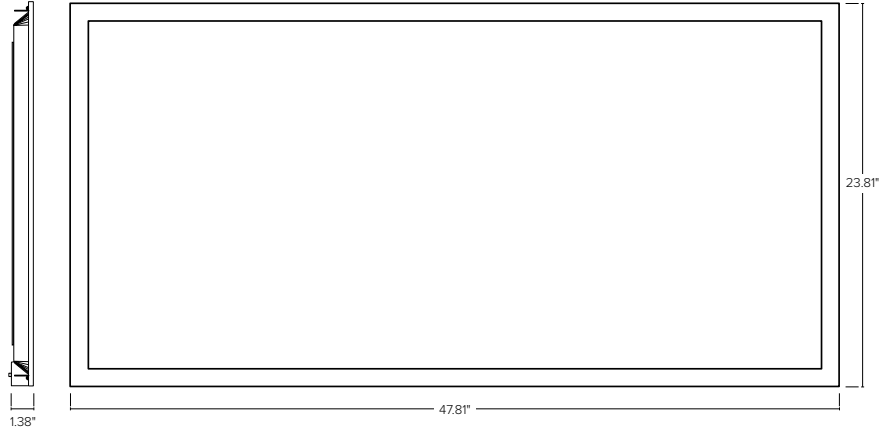
2x2

ESL-CSS-820-22-2040W-33550K



2x4

ESL-CSS-820-24-3050W-33550K



New Factory Installed EMG Option

Discover ESL Vision's latest innovation in EMG technology. Tailored for contractors, this EMG battery backup combines time and cost efficiency with the reliable safety features you need. The exclusive OpenAccess Wiring Chamber and pre-wired flexible conduit simplifies installation, and redefines ease of use in the field.

OpenAccess Wiring Chamber
Simplifies the Wiring Process

Fast Installation with
Push Pin Connectors

Pre-Wired
Flex Conduit

Slim, Integrated
Test Button

