

Available in a variety of sizes, Spectro Backlighting Kits consist of an array of ION™ Solid-State Light Engines mounted onto an aluminum backplate, pre-wired and configured to meet Class 2 electrical safety requirements. These Kits enable designers, architects, manufacturers, integrators and lighting professionals to create new applications for LED illumination. The scope and diversity of uses for the Spectro Backlighting Kit combined with its inherently safe low voltage design, energy efficiency, eco-friendliness, shallow profile and perfectly even illumination makes it ideal for integration into architectural lighting, signage products, gaming, vending, beverage dispensing machines exhibit displays, as well as many other architectural and commercial lighting applications.

Available for: (find your application below)

■ HEALTHCARE ■ CLASSROOM ■ ARCHITECTURE



Example of part number:

SL 5 5 4 - 012 - 048 - 00 - WA - 2 - S = **SL 554-012-048-00-WA-2-S**

■ HEALTHCARE ■ CLASSROOM ■ ARCHITECTURE

SPECIFICATIONS

MOUNTING PLATE: 0.025 Aluminum.

ELECTRICAL: Class 2, 24V power only.

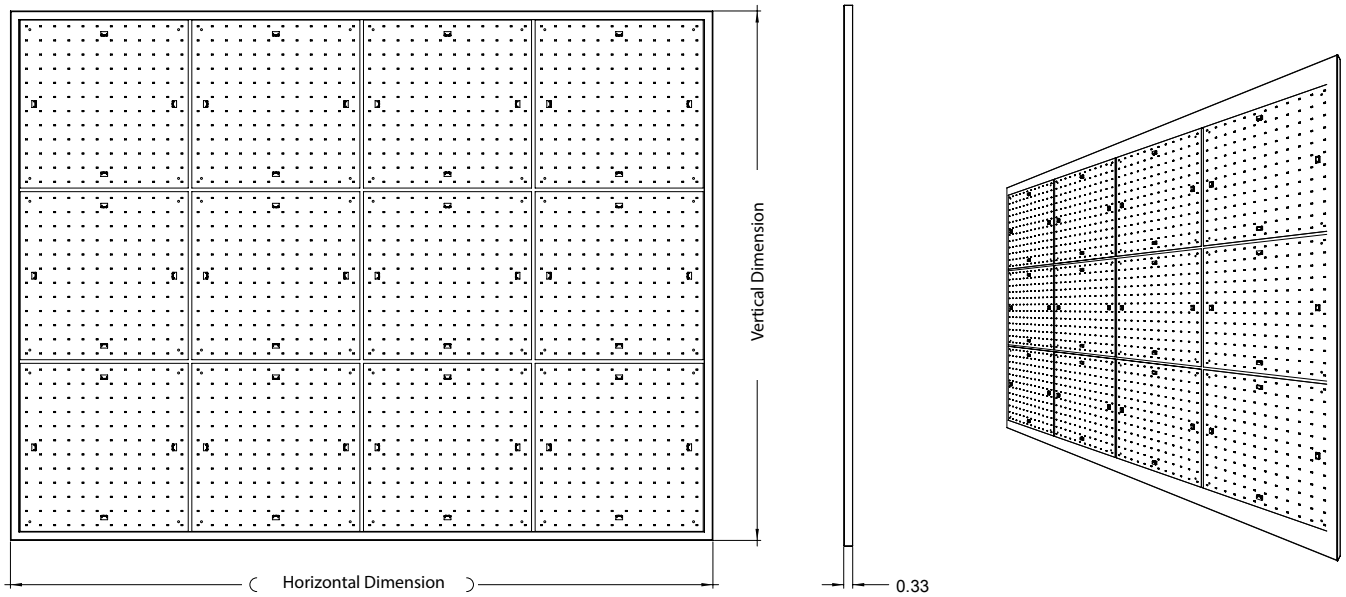
ILLUMINATION: RGB, RGBA, RGBW, 2,000K, 3,000K, 3,500K, 4,200K, 5,000K, 6,000K, or Tunable-White.

BACK-PLATE FINISH: White powder coat.

WARRANTY: Refer to www.c3lighting.com/warranty.html

	COLOR TEMP	WIDTH	LENGTH
BK	 	HHH	WWW
0	2,000K	Specify area to be backlit in inches (may be specified in 3" increments)	
1	3,000K		
2	3,500K		
3	4,200K		
4	5,000K		
5	6,000K		
6	Architectural Tunable-White (2,200K-4,200K)		
7	Healthcare Tunable-White (3,000K-6,000K)		
8	Classroom Lighting Presets		
R	RGB		
A	RGBA		
W	RGBW		

DIMENSIONS



For more size options please contact factory

Perspective View

All dimensions in INCHES - weight in LBS

006 SERIES	Nominal Dimensions		Backlit Panel Dimensions				Current/Power Output		LEDs		Illuminated Area ⁽⁴⁾	
	Horiz.	Vert.	Horiz. ⁽¹⁾	Vert. ⁽¹⁾	Depth ⁽²⁾	Weight	(A) @24VDC	(W) @24VDC		Circuits ⁽³⁾	In ²	Ft ²
006 006	6.00	6.00	6.50	6.50	0.33	0.35	0.12	2.88	36	1	64	0.44
006 012	6.00	12.00	6.50	11.92	0.33	0.61	0.24	5.76	72	1	112	0.78
006 018	6.00	18.00	6.50	17.87	0.33	0.87	0.36	8.64	108	1	160	1.11
006 024	6.00	24.00	6.50	23.50	0.33	1.13	0.48	11.52	144	1	208	1.44
006 030	6.00	30.00	6.50	29.44	0.33	1.39	0.6	14.40	180	1	256	1.78
006 036	6.00	36.00	6.50	35.07	0.33	1.65	0.72	17.28	216	1	304	2.11
006 042	6.00	42.00	6.50	41.02	0.33	1.91	0.84	20.16	252	1	352	2.44
006 048	6.00	48.00	6.50	46.65	0.33	2.17	0.96	23.04	288	1	400	2.78

All dimensions in INCHES - weight in LBS

012 SERIES	Nominal Dimensions		Backlit Panel Dimensions				Current/Power Output		LEDs		Illuminated Area ⁽⁴⁾	
	Horiz.	Vert.	Horiz. ⁽¹⁾	Vert. ⁽¹⁾	Depth ⁽²⁾	Weight	(A) @24VDC	(W) @24VDC		Circuits ⁽³⁾	In ²	Ft ²
012 012	12.00	12.00	11.92	11.92	0.33	1.06	0.48	11.52	144	1	196	1.36
012 018	12.00	18.00	11.92	17.87	0.33	1.52	0.72	17.28	216	1	280	1.94
012 024	12.00	24.00	11.92	23.50	0.33	1.97	0.96	23.04	288	1	364	2.53
012 030	12.00	30.00	11.92	29.44	0.33	2.43	1.2	28.8	360	1	448	3.11
012 036	12.00	36.00	11.92	35.07	0.33	2.88	1.44	34.56	432	1	532	3.69
012 042	12.00	42.00	11.92	41.02	0.33	3.34	1.68	40.32	504	1	616	4.28
012 048	12.00	48.00	11.92	46.65	0.33	3.79	1.92	46.08	576	1	700	4.86

*Dimensions are for standard LED board



***Dimensions are for standard LED board**

All dimensions in INCHES - weight in LBS

018 SERIES	Nominal Dimensions		Backlit Panel Dimensions				Current/Power Output		LEDs	Circuits ⁽³⁾	Illuminated Area ⁽⁴⁾	
	Horiz.	Vert.	Horiz. ⁽¹⁾	Vert. ⁽¹⁾	Depth ⁽²⁾	Weight	(A) @24VDC	(W) @24VDC			In ²	Ft ²
018 018	18.00	18.00	17.87	17.87	0.33	2.17	1.08	25.92	324	1	400	2.78
018 024	18.00	24.00	17.87	23.50	0.33	2.82	1.44	34.56	432	1	520	3.61
018 030	18.00	30.00	17.87	29.44	0.33	3.47	1.8	43.2	540	1	640	4.44
018 036	18.00	36.00	17.87	35.07	0.33	4.12	2.16	51.84	648	1	760	5.28

All dimensions in INCHES - weight in LBS

024 SERIES	Nominal Dimensions		Backlit Panel Dimensions				Current/Power Output		LEDs	Circuits ⁽³⁾	Illuminated Area ⁽⁴⁾	
	Horiz.	Vert.	Horiz. ⁽¹⁾	Vert. ⁽¹⁾	Depth ⁽²⁾	Weight	(A) @24VDC	(W) @24VDC			In ²	Ft ²
024 024	24.00	24.00	23.50	23.50	0.33	3.66	1.92	46.08	576	1	676	4.69
024 030	24.00	30.00	23.50	29.44	0.33	4.51	2.4	57.6	720	1	832	5.78
024 036	24.00	36.00	23.50	35.07	0.33	5.35	2.88	69.12	864	1	988	6.86

All dimensions in INCHES - weight in LBS

030 SERIES	Nominal Dimensions		Backlit Panel Dimensions				Current/Power Output		LEDs	Circuits ⁽³⁾	Illuminated Area ⁽⁴⁾	
	Horiz.	Vert.	Horiz. ⁽¹⁾	Vert. ⁽¹⁾	Depth ⁽²⁾	Weight	(A) @24VDC	(W) @24VDC			In ²	Ft ²
030 030	30.00	30.00	29.44	29.44	0.33	5.55	3	72	900	1	1,024	7.11
030 036	30.00	36.00	29.44	35.07	0.33	6.59	3.6	86.4	1,080	1	1,216	8.44

All dimensions in INCHES - weight in LBS

036 SERIES	Nominal Dimensions		Backlit Panel Dimensions				Current/Power Output		LEDs	Circuits ⁽³⁾	Illuminated Area ⁽⁴⁾	
	Horiz.	Vert.	Horiz. ⁽¹⁾	Vert. ⁽¹⁾	Depth ⁽²⁾	Weight	(A) @24VDC	(W) @24VDC			In ²	Ft ²
036 036	36.00	36.00	35.07	35.07	0.33	7.82	4.32	103.68	1,296	2	1,444	10.03

NOTES:

- (1) Edge to edge of backplate
- (2) Bottom of backplate to top of PCB connector
- (3) Low-voltage Class 2 (100VA or less) per Kit
- (4) Evenly illuminated diffused panel surface, provided there is a minimum of 2 INCHES between diffused surface and LED panels

