

LEVEL 2 SOLUTIONS

- Single solution provider with control over both LED design & PCB supply chain
- Large toolbox of LED & design technologies available
- Global manufacturing scale that meets changing customer needs
- Tier 1 LED manufacturer with leading LED lighting technology & IP position
- Custom L2 production, design assistance & compliance support available

September 2025 (FS44R0)

INDOOR 2835 LINEAR PCBAs

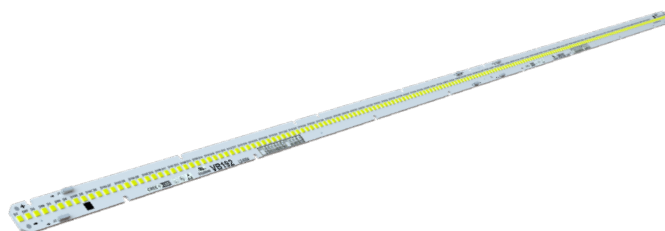
Available in 5000K, 4000K, 3500K & 3000K CCTs

Poke-in connectors on each section end

VB192

- 1120 mm (44") x 20 mm FR4 PCB
- Cuttable into two 560 mm (22") sections

LED Count	Test Current (mA)	Typ. Voltage (V)	Typ. Power (W)
192	1,200	43.4	52
96	600	43.4	26



LED	CRI	4000 K			3000 K		
		Typ. LPW	Typ. Flux (lm) 192 LEDs	Typ. Flux (lm) 96 LEDs	Typ. LPW	Typ. Flux (lm) 192 LEDs	Typ. Flux (lm) 96 LEDs
JB2835B 3V J Standard	80	197	10,349	5,174	185	9,715	4,858
JE2835B 3V N Standard	80	185	9,773	4,886	175	9,235	4,618
JB2835B 3V G Pro9™	90	195	10,157	5,078	188	9,792	4,896
JB2835B 3V J Standard	90	168	8,851	4,426	157	8,275	4,138
JE2835B 3V N Standard	90	157	8,275	4,138	147	7,776	3,888

Performance values shown for typical flux at Tc = 50°C

VB256

- 1120 mm (44") x 20 mm FR4 PCB
- Cuttable into two 560 mm (22") or four 280 mm (11") sections

LED Count	Test Current (mA)	Typ. Voltage (V)	Typ. Power (W)
256	2,000	44.0	88
128	1,000	44.0	44
64	500	44.0	22



LED	CRI	4000 K				3000 K			
		Typ. LPW	Typ. Flux (lm) 256 LEDs	Typ. Flux (lm) 128 LEDs	Typ. Flux (lm) 64 LEDs	Typ. LPW	Typ. Flux (lm) 256 LEDs	Typ. Flux (lm) 128 LEDs	Typ. Flux (lm) 64 LEDs
JB2835B 3V J Standard	80	192	17,101	8,550	4,275	180	16,051	8,026	4,013
JE2835B 3V N Standard	80	180	16,051	8,026	4,013	170	15,181	7,590	3,795
JB2835B 3V G Pro9™	90	191	16,768	8,384	4,192	184	16,154	8,077	4,038
JB2835B 3V J Standard	90	164	14,618	7,309	3,654	154	13,670	6,835	3,418
JE2835B 3V N Standard	90	152	13,568	6,784	3,392	143	12,774	6,387	3,194

Performance values shown for typical flux at Tc = 50°C

OUTDOOR 5050 ARRAY PCBA_s

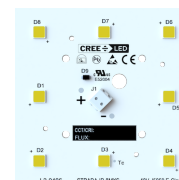
TVS diodes for protection against high-voltage transients
Available in 5000K, 4000K, 3000K & 2700K CCTs

LS8

- 70 x 70 mm MCPCB with 8 J Series® 5050 LEDs
- Compatible with LEDIL STRADA-IP-8MXS optics
- 2-pin poke-in connector

LED	CRI	4000 K		3000 K	
		Typ. LPW	Typ. Flux (lm)	Typ. LPW	Typ. Flux (lm)
JR5050C 6V E	70	206	3,673	192	3,428
JK5050B 6V H	70	193	3,704	183	3,472
JR5050B 6V K	70	193	3,448	183	3,280

Performance values shown for typical flux at T_c = 60°C



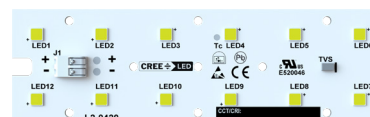
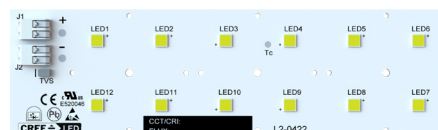
LS12

LS12P

- 174 x 50 mm (LS12) or 147 x 45 mm (LS12P) MCPCB with 12 J Series® 5050 LEDs
- 2-pin poke-in connectors

LED	CRI	4000 K		3000 K	
		Typ. LPW	Typ. Flux (lm)	Typ. LPW	Typ. Flux (lm)
JR5050C 6V E	70	199	7,104	185	6,624
JK5050B 6V H	70	190	7,152	178	6,708
JR5050B 6V K	70	184	6,636	175	6,312

Performance values shown for typical flux at T_c = 60°C

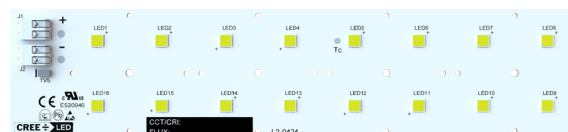


LS16

- 225 x 80 mm MCPCB with 16 J Series® 5050 LEDs
- 2-pin poke-in connectors

LED	CRI	4000 K		3000 K	
		Typ. LPW	Typ. Flux (lm)	Typ. LPW	Typ. Flux (lm)
JR5050C 6V E	70	199	9,472	185	8,832
JK5050B 6V H	70	190	9,536	178	8,944
JR5050B 6V K	70	184	8,848	175	8,416

Performance values shown for typical flux at T_c = 60°C



LS24

- 148 x 47 mm MCPCB with 24 J Series® 5050 LEDs
- 1-pin poke-in connectors

LED	CRI	4000 K		3000 K	
		Typ. LPW	Typ. Flux (lm)	Typ. LPW	Typ. Flux (lm)
JR5050C 6V E	70	202	12,744	189	11,880
JK5050B 6V H	70	194	12,840	182	12,048
JR5050B 6V K	70	188	11,928	179	11,352

Performance values shown for typical flux at T_c = 60°C

