



EL-560X24-0803-L128

New Experience Of Lighting

- Lumileds Luxeon 2835 SA-A1 3V
- Constant Color, MacAdams Step 3
- Homogeneous illumination
- Optional PCB Material Selection

CUTTABLE
DESIGN

- Substrate:ALU/FR4/CEM1/CEM3
- PCB Thickness: 1.0/1.6 mm
- Copper Weight:35Um/70Um
- Surface Treatment:HASL/OSP
- Thermal Conductivity:1W/1.2W/1.5W/2W
- Breakdown Voltage:2000V

Electrical Specification

Product Code	Colour	Luminous Flux TC:25°C TJ:25°C	Forward Voltage Flux TJ:25°C	Serial	Parallel	Power Consumption TC:25°C TJ:25°C	Efficacy TC: 25°C TJ:25°C	CRI
	(k)	(lm)	(v)			(w)	(lm/w)	(Ra)
Operation Mode at 250 mA								
EL-560X24-0803-L128-30-80	3000	1008	22.32	8	3	5.58	180.64	80
EL-560X24-0803-L128-40-80	4000	1049	22.32	8	3	5.58	188.00	80
EL-560X24-0803-L128-65-80	6500	1035	22.32	8	3	5.58	185.48	80
Operation Mode at 350 mA								
EL-560X24-0803-L128-30-80	3000	1374	22.8	8	3	7.98	172.18	80
EL-560X24-0803-L128-40-80	4000	1423	22.8	8	3	7.98	178.32	80
EL-560X24-0803-L128-65-80	6500	1407	22.8	8	3	7.98	176.31	80
Operation Mode at 500 mA								
EL-560X24-0803-L128-30-80	3000	1899	23.44	8	3	11.72	162.03	80
EL-560X24-0803-L128-40-80	4000	1957	23.44	8	3	11.72	166.97	80
EL-560X24-0803-L128-65-80	6500	1938	23.44	8	3	11.72	165.35	80

**These values are estimated.



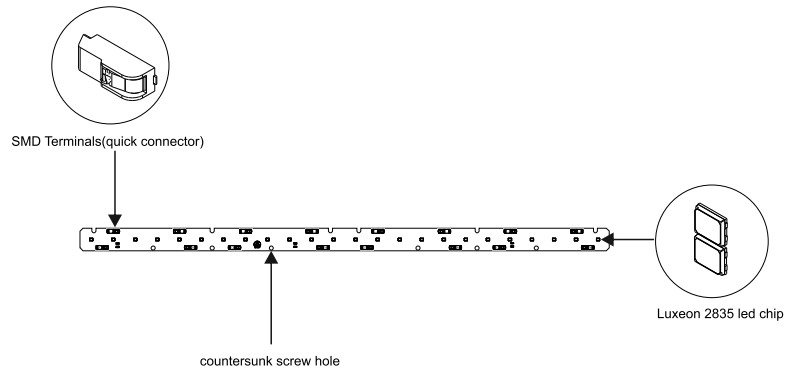
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Mechanical Specification

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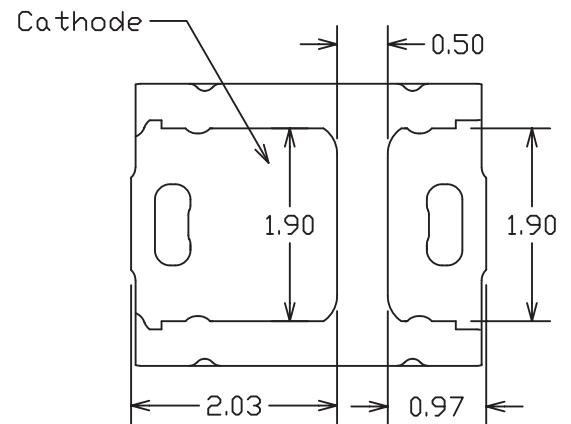
PCB Specification

- Length:560 mm
- Width:24 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

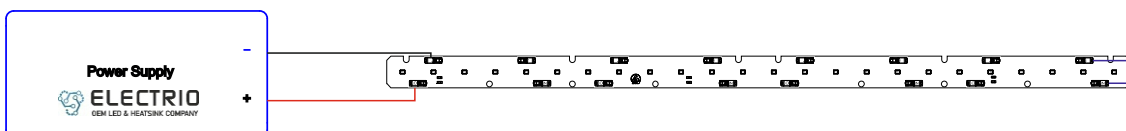


LEDs Specification

- CRI:80
- IF-Type:65 mA
- IF-Max:200 mA
- Tj-Typ(sorting), Tj-Max:45°C-85°C



Connection Diagram



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