

EL-560X24-1603-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-560X24-1603-L128-30-80	3000	2015	44.64	16	3	11.16	180.55	80
EL-560X24-1603-L128-40-80	4000	2097	44.64	16	3	11.16	187.90	80
EL-560X24-1603-L128-65-80	6500	2069	44.64	16	3	11.16	185.39	80
Operation Mode at 350 mA								
EL-560X24-1603-L128-30-80	3000	2748	45.6	16	3	15.96	172.18	80
EL-560X24-1603-L128-40-80	4000	2846	45.6	16	3	15.96	178.32	80
EL-560X24-1603-L128-65-80	6500	2814	45.6	16	3	15.96	176.31	80
Operation Mode at 500 mA								
EL-560X24-1603-L128-30-80	3000	3798	46.88	16	3	23.44	162.03	80
EL-560X24-1603-L128-40-80	4000	3914	46.88	16	3	23.44	166.97	80
EL-560X24-1603-L128-65-80	6500	3876	46.88	16	3	23.44	165.35	80

**These values are estimated.



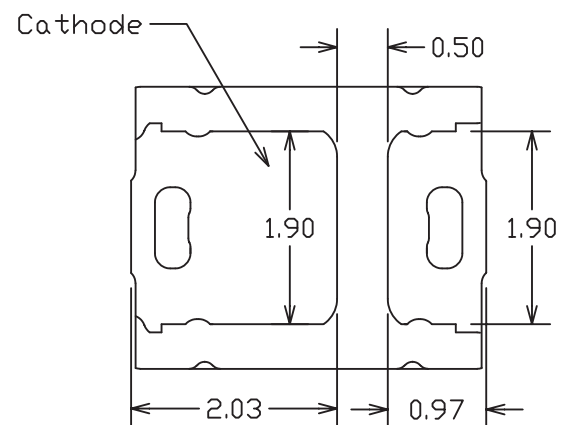
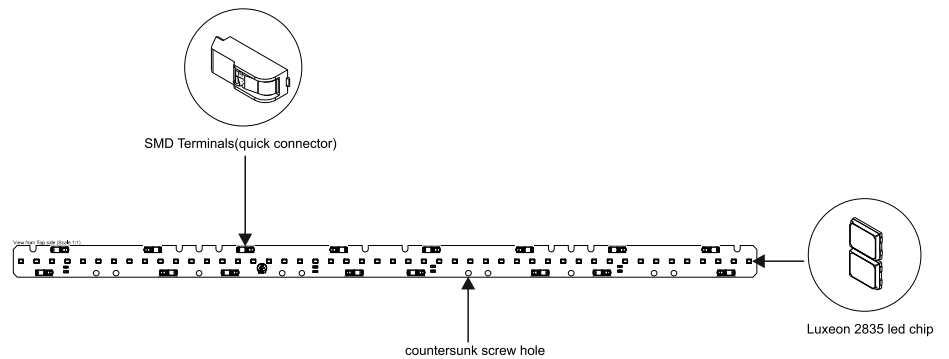
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Mechanical Specification

New Exprience Of Lighting

PCB Specification

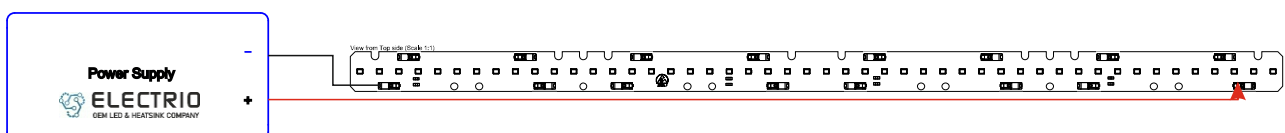
- Length:560 mm
- Width:24 mm
- Height:2.25 mm
- Thickness of PCB:1.6 mm



LEDs Specification

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

Connection Diagram

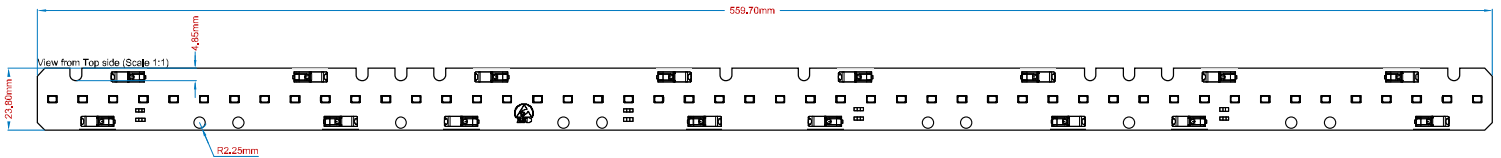


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Mechanical Dimensions

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View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

