

New Experience Of Lighting

EL-150X20-0806-L128

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



- 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 500 mA								
EL-150X20-0806-L128-30-80	3000	2015	22.32	8	6	11.16	180.55	80
EL-150X20-0806-L128-40-80	4000	2097	22.32	8	6	11.16	187.90	80
EL-150X20-0806-L128-65-80	6500	2069	22.32	8	6	11.16	185.39	80
Operation Mode at 700 mA								
EL-150X20-0806-L128-30-80	3000	2748	22.8	8	6	15.96	172.18	80
EL-150X20-0806-L128-40-80	4000	2846	22.8	8	6	15.96	178.32	80
EL-150X20-0806-L128-65-80	6500	2814	22.8	8	6	15.96	176.31	80
Operation Mode at 1000 mA								
EL-150X20-0806-L128-30-80	3000	3798	23.44	8	6	23.44	162.03	80
EL-150X20-0806-L128-40-80	4000	3914	23.44	8	6	23.44	166.97	80
EL-150X20-0806-L128-65-80	6500	3876	23.44	8	6	23.44	165.35	80

**These values are estimated.



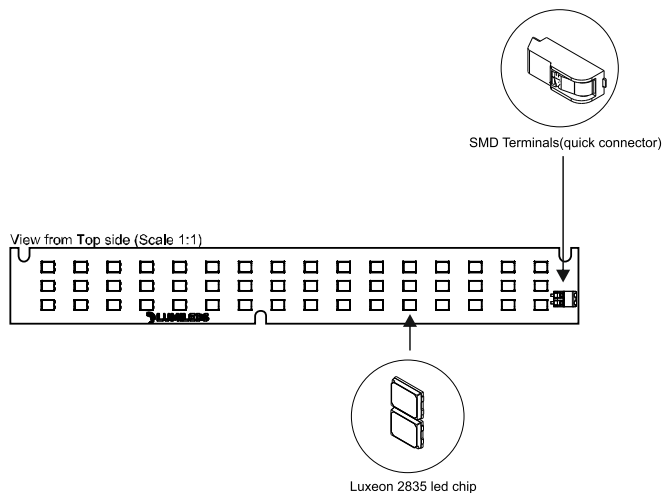
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Mechanical Specification

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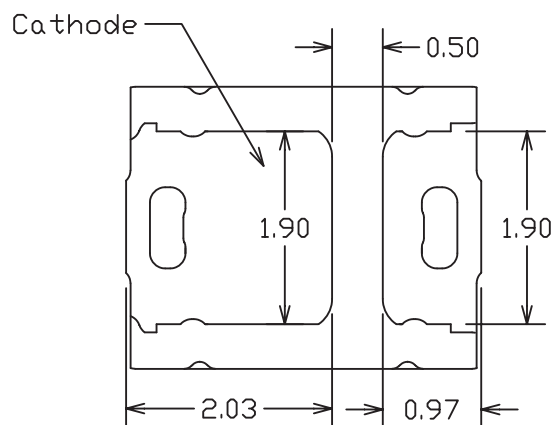
PCB Specification

- Length: 150 mm
- Width: 20 mm
- Height: 2.25 mm
- Thickness of PCB: 1.6 mm

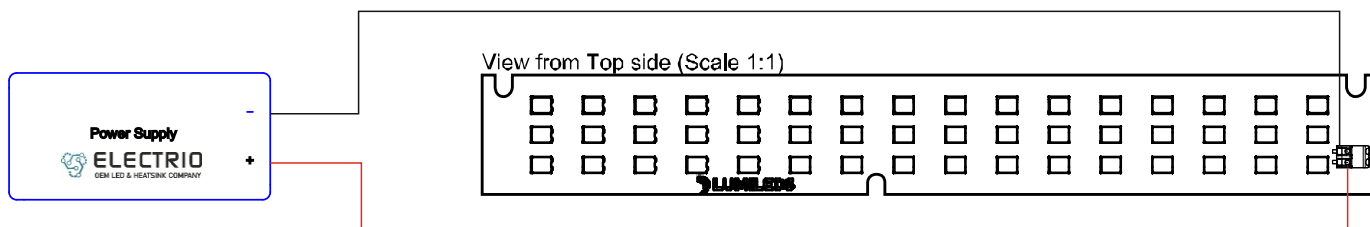


LEDs Specification

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



Connection Diagram

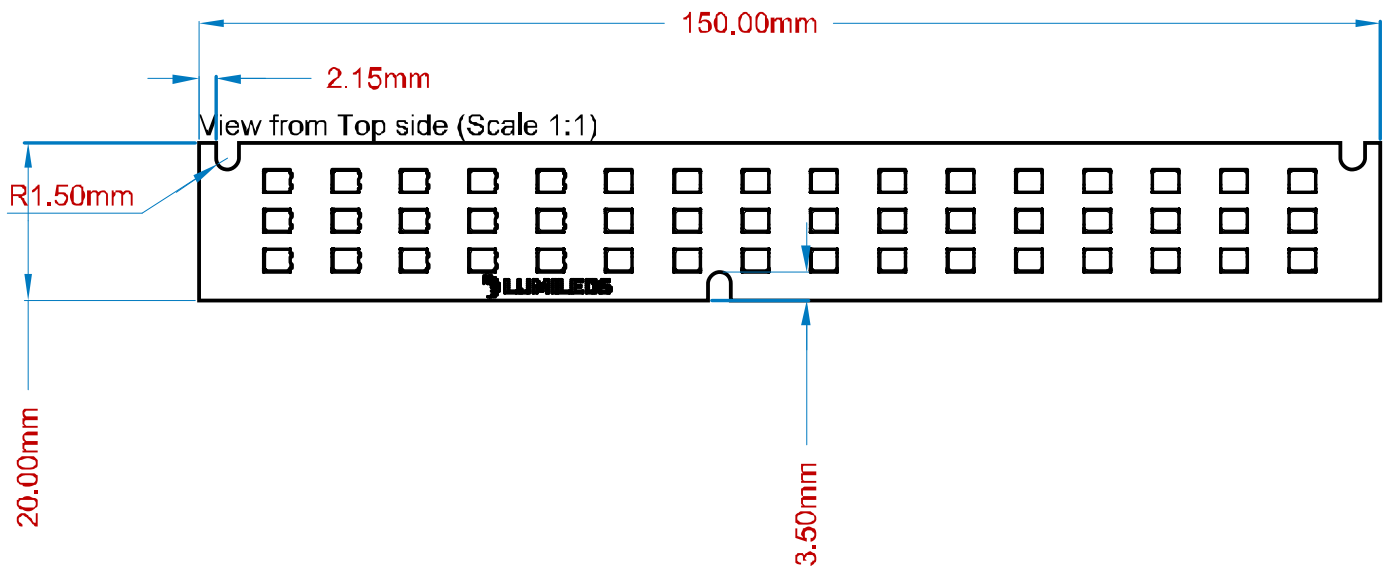


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Mechanical Dimensions

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View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

