

EL-525X7.9-1208-L128

New Expreience Of Lighting

- Lumileds Luxeon 2835 SA-A1 3V
- 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 700 mA								
EL-525X7.9-1208-L128-30-80	3000	4212	33.6	12	8	23.52	179.08	80
EL-525X7.9-1208-L128-40-80	4000	4380	33.6	12	8	23.52	186.22	80
EL-525X7.9-1208-L128-65-80	6500	4323	33.6	12	8	23.52	183.80	80
Operation Mode at 1000 mA								
EL-525X7.9-1208-L128-30-80	3000	5883	34.32	12	8	34.32	171.46	80
EL-525X7.9-1208-L128-40-80	4000	6088	34.32	12	8	34.32	177.32	80
EL-525X7.9-1208-L128-65-80	6500	6020	34.32	12	8	34.32	175.40	80
Operation Mode at 1400 mA								
EL-525X7.9-1208-L128-30-80	3000	7960	35.28	12	8	49.39	161.16	80
EL-525X7.9-1208-L128-40-80	4000	8196	35.28	12	8	49.39	165.94	80
EL-525X7.9-1208-L128-65-80	6500	8122	35.28	12	8	49.39	164.44	80

**These values are estimated.



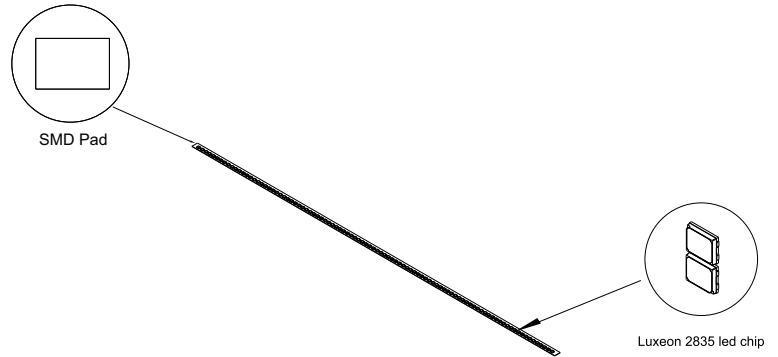
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Mechanical Specification

New Expreience Of Lighting

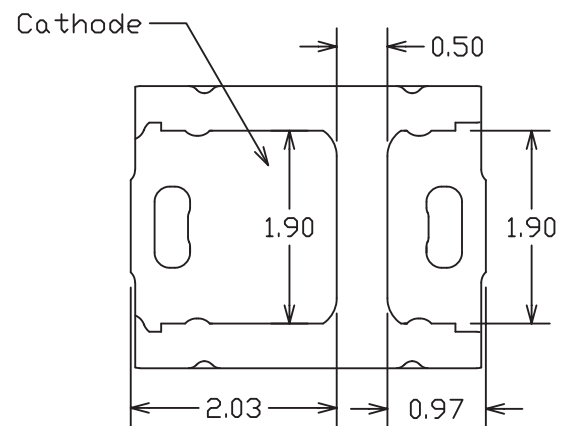
PCB Specification

- Length:525 mm
- Width:7.9 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

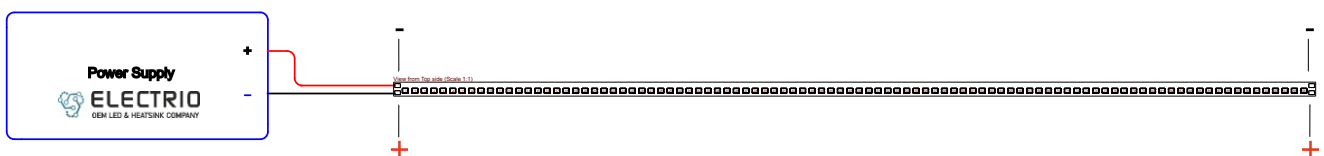


LEDs Specification

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



Connection Diagram

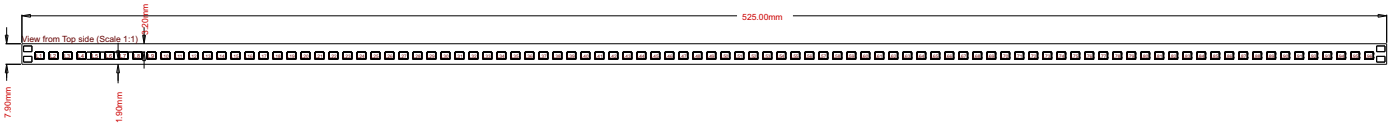


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Mechanical Dimensions

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View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)