

EL-500X15-1004-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 350 mA								
EL-500X15-1004-L128-30-80	3000	1755	28	10	4	9.80	179.08	80
EL-500X15-1004-L128-40-80	4000	1825	28	10	4	9.80	186.22	80
EL-500X15-1004-L128-65-80	6500	1801	28	10	4	9.80	183.77	80
Operation Mode at 500 mA								
EL-500X15-1004-L128-30-80	3000	2451	28.6	10	4	14.30	171.40	80
EL-500X15-1004-L128-40-80	4000	2537	28.6	10	4	14.30	177.41	80
EL-500X15-1004-L128-65-80	6500	2508	28.6	10	4	14.30	175.38	80
Operation Mode at 700 mA								
EL-500X15-1004-L128-30-80	3000	3317	29.4	10	4	20.58	161.17	80
EL-500X15-1004-L128-40-80	4000	3415	29.4	10	4	20.58	165.93	80
EL-500X15-1004-L128-65-80	6500	3384	29.4	10	4	20.58	164.43	80

**These values are estimated.



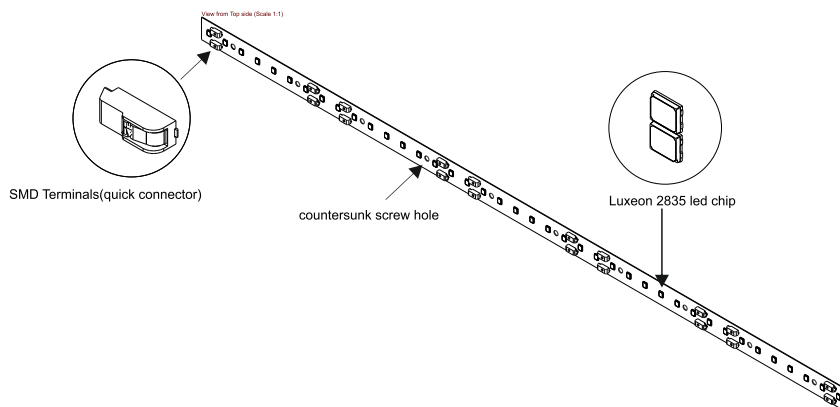
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Mechanical Specification

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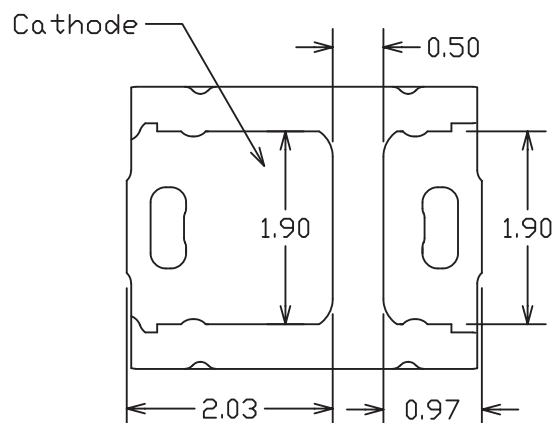
PCB Specification

- Length:500 mm
- Width:15 mm
- Height:2.25 mm
- Thickness of PCB:1.6 mm

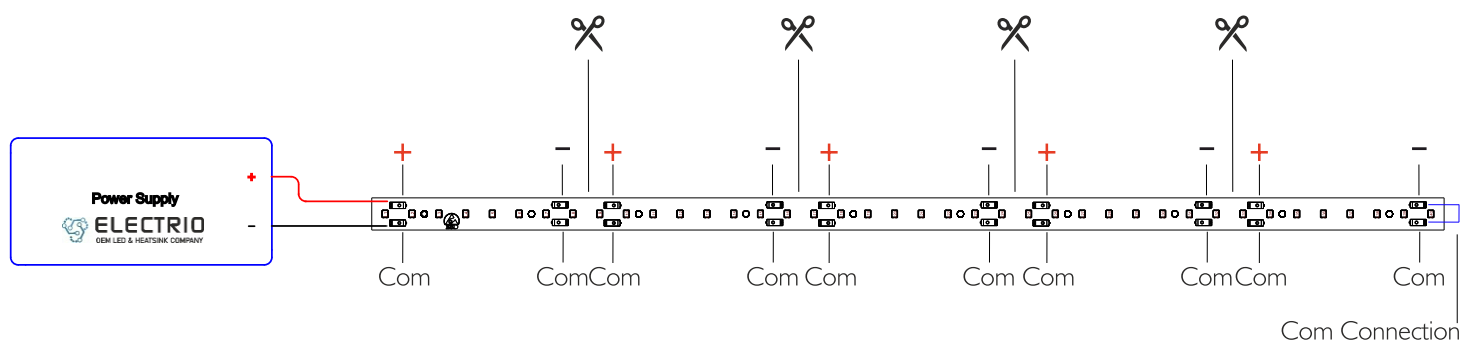


LEDs Specification

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



Connection Diagram



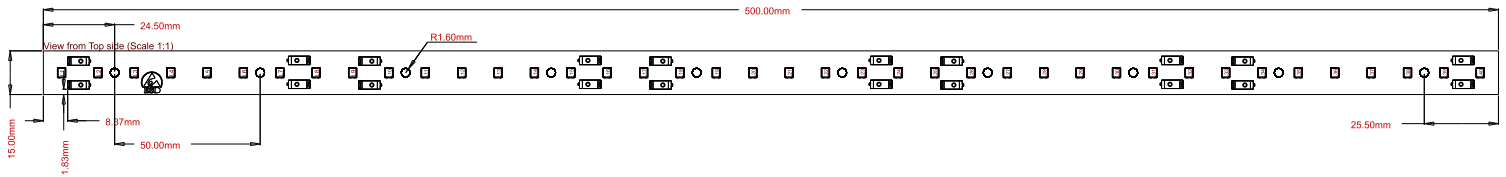


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Mechanical Dimensions

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View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

