

EL-280X23.6-1503-L128

New Experience 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
						(w)	(lm/w)	
	(k)	(lm)	(v)					(Ra)
Operation Mode at 250 mA								
EL-280X23.6-1503-L128-30-80	3000	1889	41.85	15	3	10.46	180.59	80
EL-280X23.6-1503-L128-40-80	4000	1966	41.85	15	3	10.46	187.95	80
EL-280X23.6-1503-L128-65-80	6500	1940	41.85	15	3	10.46	185.46	80
Operation Mode at 300 mA								
EL-280X23.6-1503-L128-30-80	3000	2247	42.3	15	3	12.69	177.06	80
EL-280X23.6-1503-L128-40-80	4000	2332	42.3	15	3	12.69	183.76	80
EL-280X23.6-1503-L128-65-80	6500	2304	42.3	15	3	12.69	181.56	80
Operation Mode at 500 mA								
EL-280X23.6-1503-L128-30-80	3000	3560	43.95	15	3	21.98	161.96	80
EL-280X23.6-1503-L128-40-80	4000	3669	43.95	15	3	21.98	166.92	80
EL-280X23.6-1503-L128-65-80	6500	3634	43.95	15	3	21.98	165.33	80

**These values are estimated.



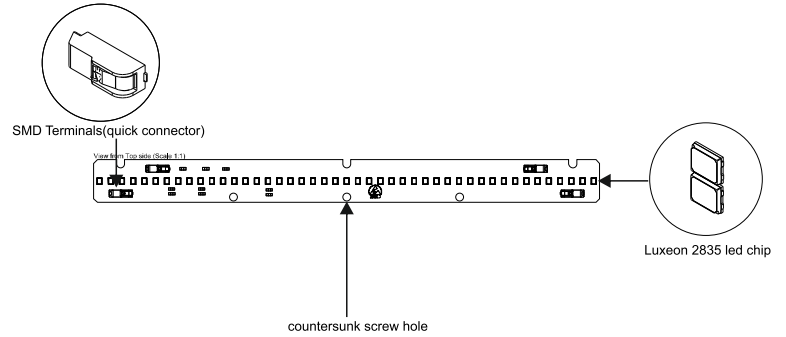
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Mechanical Specification

New Expreience Of Lighting

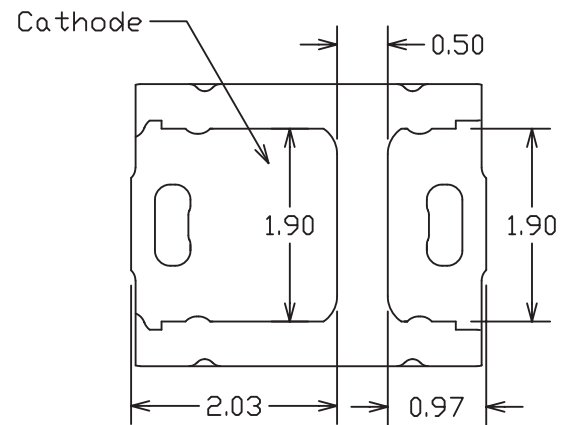
PCB Specification

- Length:279.60 mm
- Width:23.60 mm
- Height:2.25 mm
- Thickness of PCB:1.6 mm

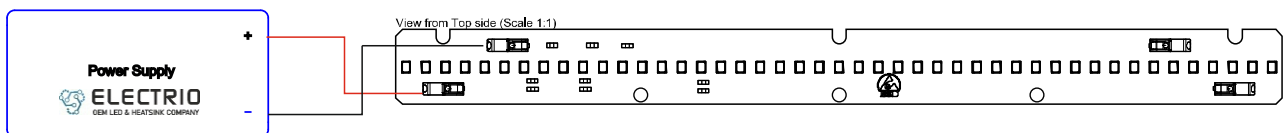


LEDs Specification

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



Connection Diagram

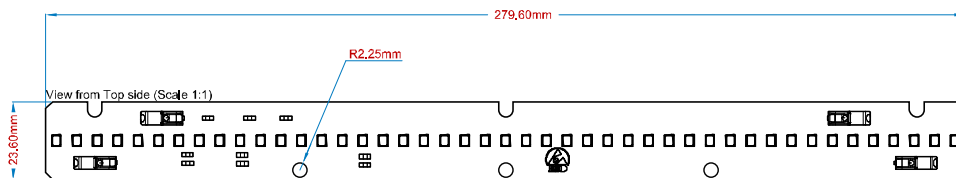


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Mechanical Dimensions

New Exprience Of Lighting

View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

