

EL-280X20-3601-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 (lm)	Forward Voltage Flux Tj:25°C (v)	Serial	Parallel	Power Consumption	Efficacy	CRI
						TC:25°C Tj:25°C (w)	TC: 25°C Tj:25°C (lm/w)	
Operation Mode at 100 mA								
EL-280X20-3601-L128-30-80	3000	1797	101.52	36	I	10.15	177.04	80
EL-280X20-3601-L128-40-80	4000	1866	101.52	36	I	10.15	183.84	80
EL-280X20-3601-L128-65-80	6500	1843	101.52	36	I	10.15	181.57	80
Operation Mode at 150 mA								
EL-280X20-3601-L128-30-80	3000	2602	104.4	36	I	15.66	166.15	80
EL-280X20-3601-L128-40-80	4000	2685	104.4	36	I	15.66	171.45	80
EL-280X20-3601-L128-65-80	6500	2658	104.4	36	I	15.66	169.73	80
Operation Mode at 200 mA								
EL-280X20-3601-L128-30-80	3000	3358	107.28	36	I	21.46	156.47	80
EL-280X20-3601-L128-40-80	4000	3450	107.28	36	I	21.46	160.76	80
EL-280X20-3601-L128-65-80	6500	3421	107.28	36	I	21.46	159.41	80

**These values are estimated.



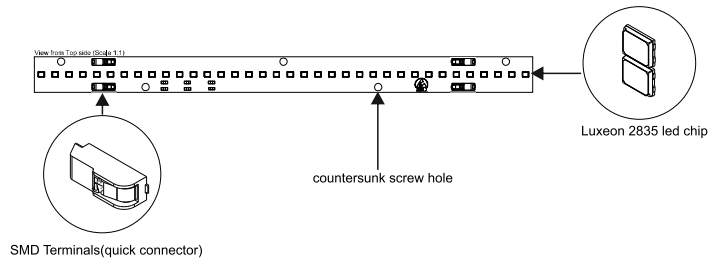
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Mechanical Specification

New Experience Of Lighting

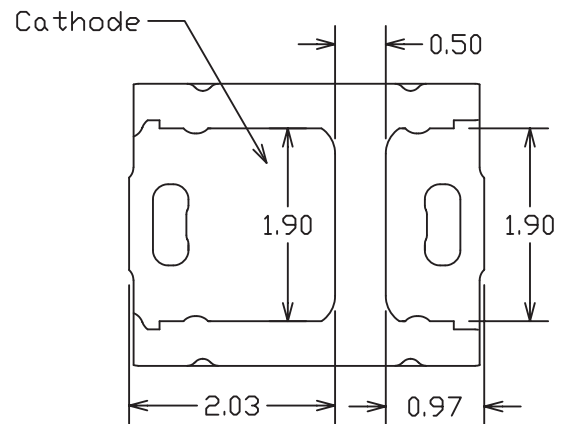
PCB Specification

- Length:280 mm
- Width:20 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

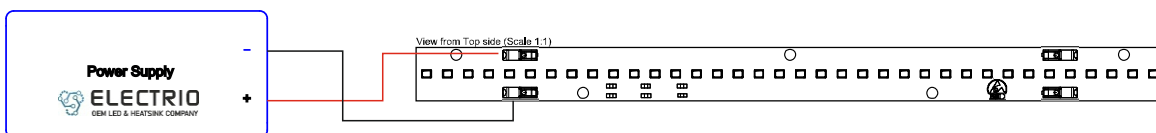


LEDs Specification

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



Connection Diagram

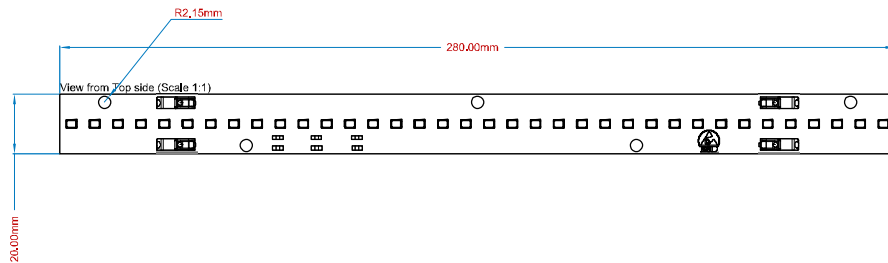


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Mechanical Dimensions

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View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

