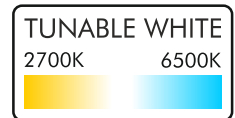


EL-280X24-0504-L128-TN

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 TC: 25 °C 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)	
Operation Mode at 250 mA								
EL-280X24-0504-L128-TN-27-80	2700	618	13.75	5	4	3.44	179.65	80
EL-280X24-0504-L128-TN-65-80	6500	656	13.75	5	4	3.44	190.69	80
Operation Mode at 350 mA								
EL-280X24-0504-L128-TN-27-80	2700	851	14	5	4	4.90	173.67	80
EL-280X24-0504-L128-TN-65-80	6500	901	14	5	4	4.90	183.87	80
Operation Mode at 500 mA								
EL-280X24-0504-L128-TN-27-80	2700	1189	14.3	5	4	7.15	166.29	80
EL-280X24-0504-L128-TN-65-80	6500	1254	14.3	5	4	7.15	175.38	80

**These values are estimated.



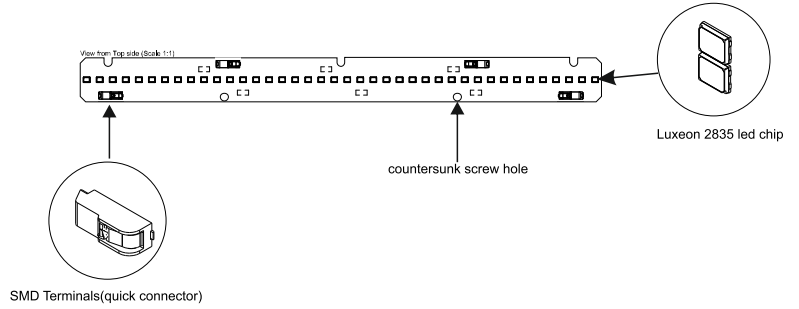
EL-280X24-0504-L128-TN

Mechanical Specification

New Experience Of Lighting

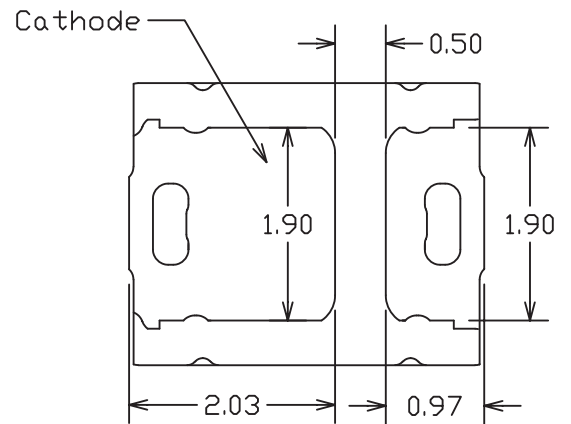
PCB Specification

- Length:280 mm
- Width:24 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

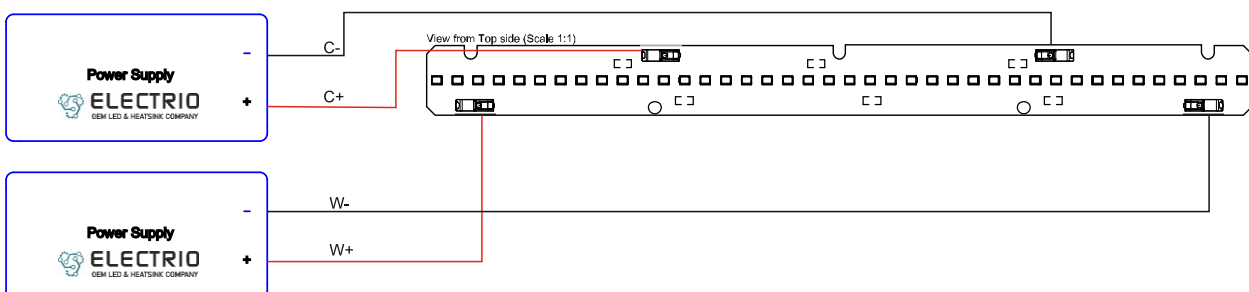


LEDs Specification

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



Connection Diagram

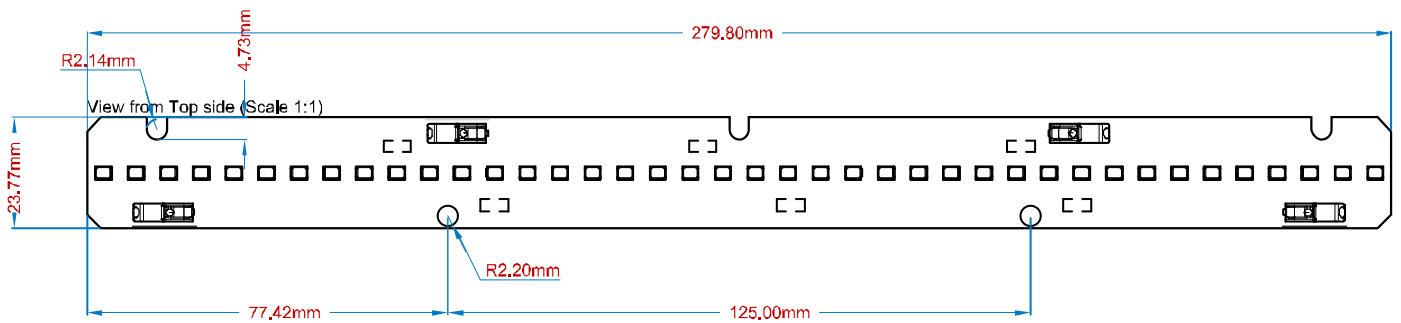


EL-280X24-0504-L128-TN

Mechanical Dimensions

New Experience Of Lighting

View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

