

EP-475X220-1607-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
Operation Mode at 500 mA								
EP-475X220-1607-L128-30-80	3000	4059	44.32	16	7	22.16	183.16	80
EP-475X220-1607-L128-40-80	4000	4232	44.32	16	7	22.16	190.97	80
EP-475X220-1607-L128-65-80	6500	4173	44.32	16	7	22.16	188.31	80
Operation Mode at 700 mA								
EP-475X220-1607-L128-30-80	3000	5592	45.12	16	7	31.58	177.07	80
EP-475X220-1607-L128-40-80	4000	5805	45.12	16	7	31.58	183.81	80
EP-475X220-1607-L128-65-80	6500	5734	45.12	16	7	31.58	181.57	80
Operation Mode at 1000 mA								
EP-475X220-1607-L128-30-80	3000	7704	46.24	16	7	46.24	166.60	80
EP-475X220-1607-L128-40-80	4000	7958	46.24	16	7	46.24	172.10	80
EP-475X220-1607-L128-65-80	6500	7876	46.24	16	7	46.24	170.32	80

**These values are estimated.



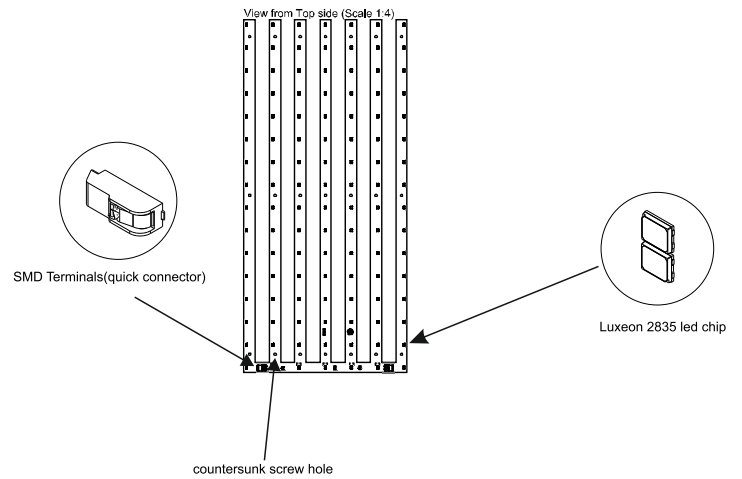
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Mechanical Specification

New Experience Of Lighting

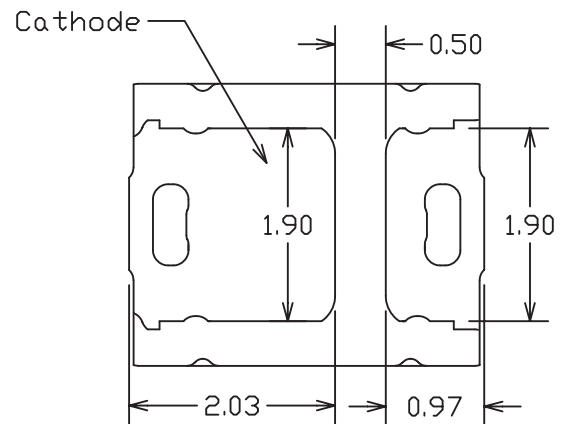
PCB Specification

- Length:475 mm
- Width:220 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

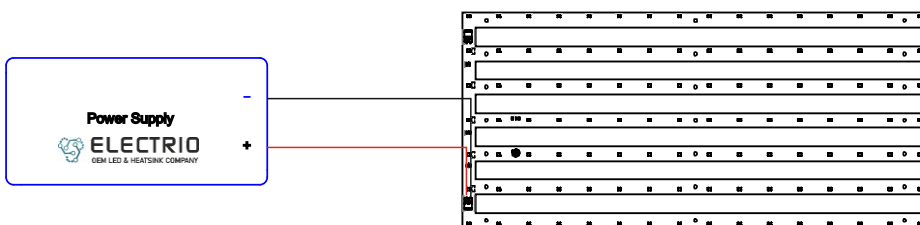


LEDs Specification

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



Connection Diagram

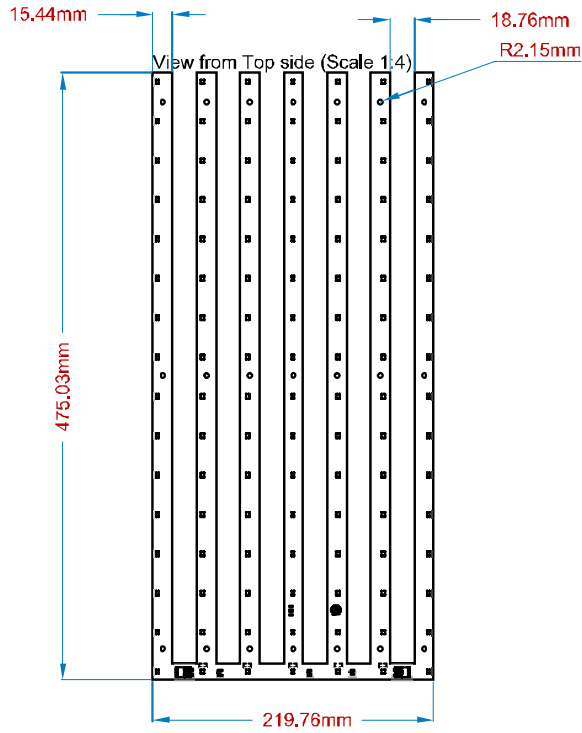


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Mechanical Dimensions

New Exprience Of Lighting

View from Front side (Scale 1:4)



View from Bottom side (Scale 1:4)

