

EL-230X27-0225-L128

New Experience Of Lighting

- Lumileds Luxeon 2835 SA-A1
- 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
	(k)	(lm)	(v)			(w)	(lm/w)	
Operation Mode at 1000 mA								
EL-230X27-0225-L128-30-80	3000	1043	5.4	2	25	5.40	193.14	80
EL-230X27-0225-L128-40-80	4000	1096	5.4	2	25	5.40	202.96	80
EL-230X27-0225-L128-65-80	6500	1077	5.4	2	25	5.40	199.44	80
Operation Mode at 1400 mA								
EL-230X27-0225-L128-30-80	3000	1445	5.48	2	25	7.67	188.39	80
EL-230X27-0225-L128-40-80	4000	1512	5.48	2	25	7.67	197.13	80
EL-230X27-0225-L128-65-80	6500	1489	5.48	2	25	7.67	194.13	80
Operation Mode at 2000 mA								
EL-230X27-0225-L128-30-80	3000	2028	5.56	2	25	11.12	182.37	80
EL-230X27-0225-L128-40-80	4000	2112	5.56	2	25	11.12	189.92	80
EL-230X27-0225-L128-65-80	6500	2083	5.56	2	25	11.12	187.32	80

**These values are estimated.



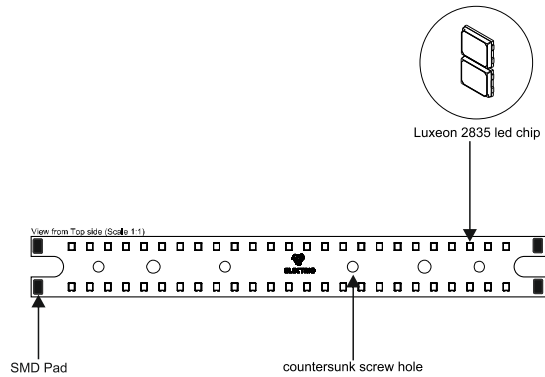
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Mechanical Specification

New Experience Of Lighting

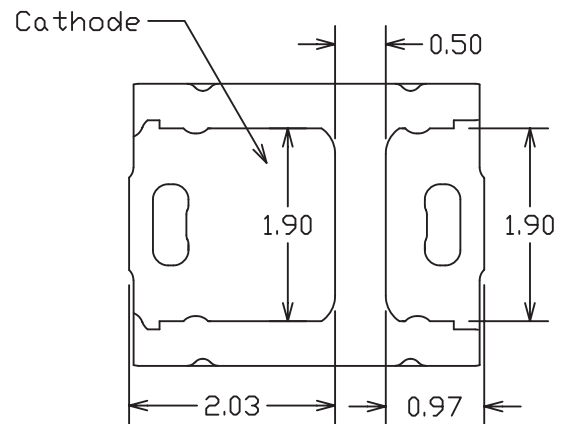
PCB Specification

- Length:230 mm
- Width:27 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

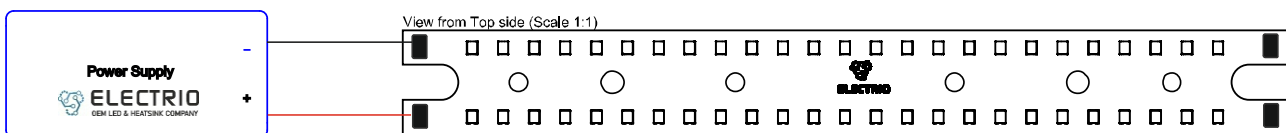


LEDs Specification

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



Connection Diagram

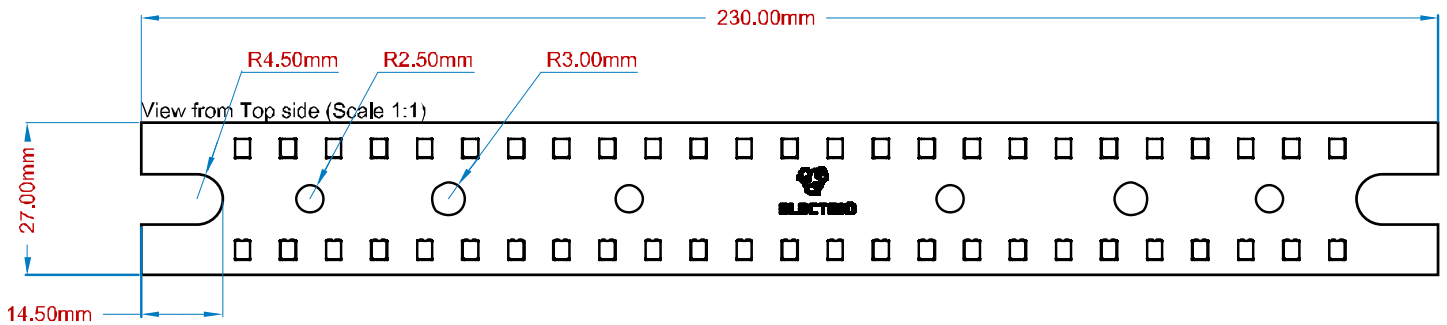


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Mechanical Dimensions

New Exprience Of Lighting

View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

