



CLAUDIA-1402-L128

New Experience Of Lighting

- Lumileds Luxeon 2835 SA-A1 3V
- Constant Color, MacAdams Step 3
- Homogeneous illumination
- Optional PCB Material Selection



LEDiL® SOLUTION PARTNER

- 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)	(Ra)
Operation Mode at 100 mA								
CLAUDIA-1402-L128-30-80	3000	725	38.22	14	2	3.82	189.79	80
CLAUDIA-1402-L128-40-80	4000	760	38.22	14	2	3.82	198.95	80
CLAUDIA-1402-L128-65-80	6500	748	38.22	14	2	3.82	195.81	80
Operation Mode at 150 mA								
CLAUDIA-1402-L128-30-80	3000	1068	38.78	14	2	5.82	183.50	80
CLAUDIA-1402-L128-40-80	4000	1114	38.78	14	2	5.82	191.40	80
CLAUDIA-1402-L128-65-80	6500	1098	38.78	14	2	5.82	188.65	80
Operation Mode at 200 mA								
CLAUDIA-1402-L128-30-80	3000	1398	39.48	14	2	7.90	176.96	80
CLAUDIA-1402-L128-40-80	4000	1451	39.48	14	2	7.90	183.67	80
CLAUDIA-1402-L128-65-80	6500	1434	39.48	14	2	7.90	181.51	80

**These values are estimated.





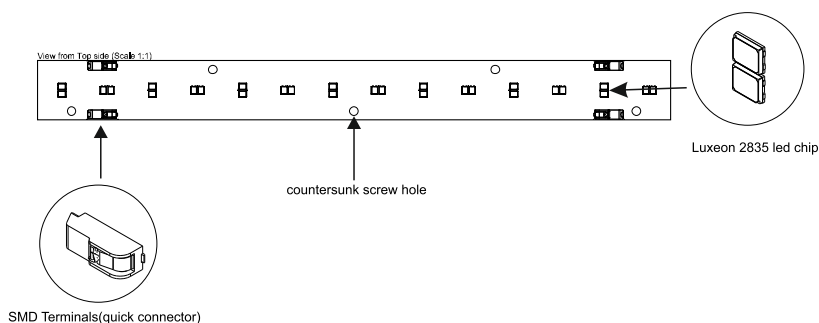
CLAUDIA-1402-L128

Mechanical Specification

New Experience Of Lighting

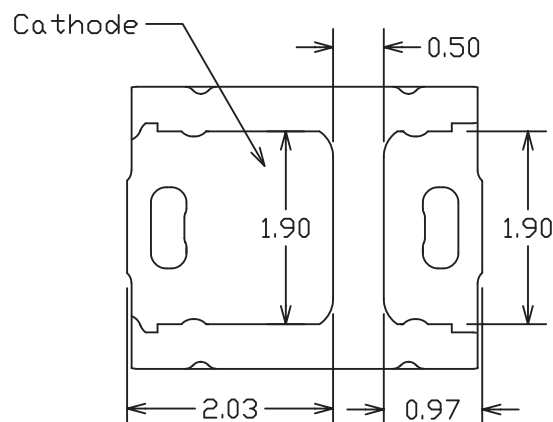
PCB Specification

- Length:280 mm
- Width:26 mm
- Height:2.25 mm
- Thickness of PCB:1.6 mm

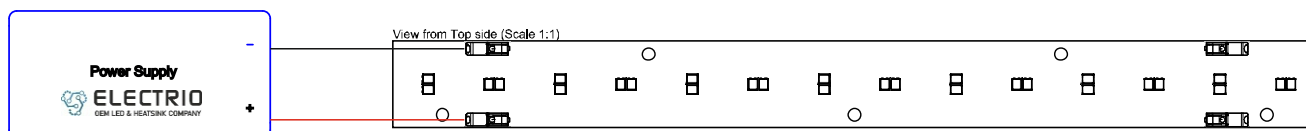


LEDs Specification

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



Connection Diagram



CLAUDIA-1402-L128

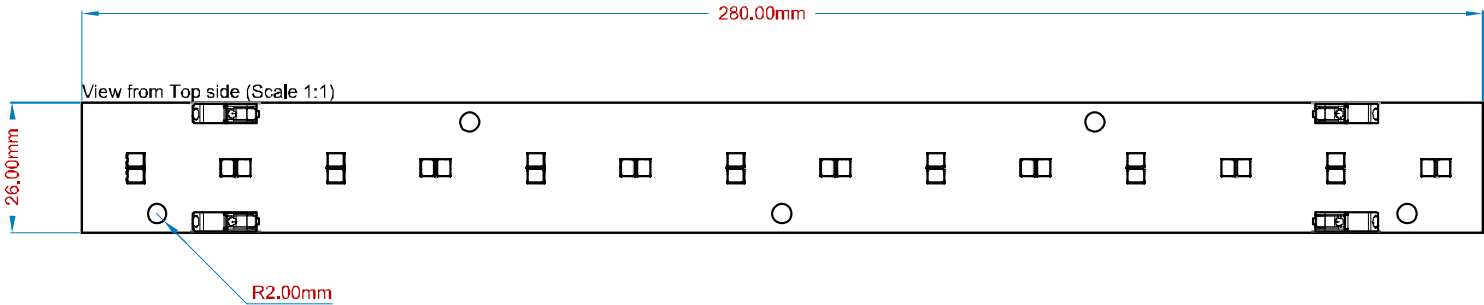
Mechanical Dimensions

New Expreience Of Lighting

View from Front side (Scale 1:1)



View from Top side (Scale 1:1)



View from Bottom side (Scale 1:1)

