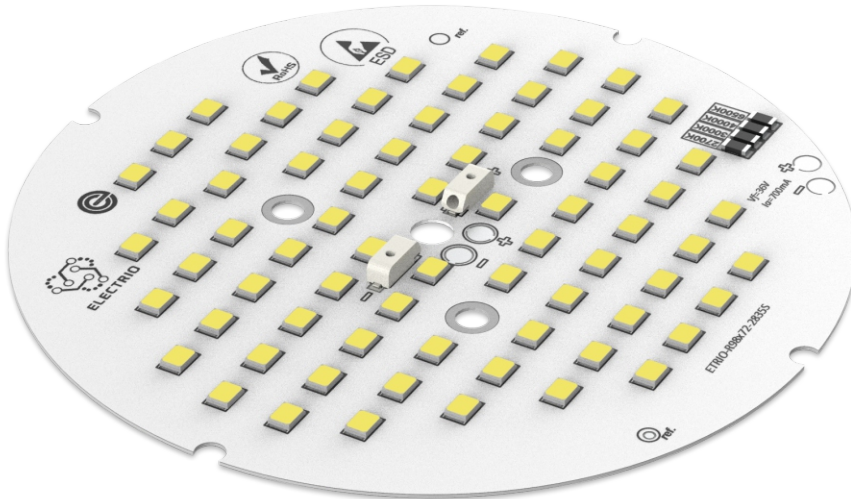


EC-R98-1206-L128

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 (k)	Luminous Flux TC:25°C Tj:25°C (lm)	Forward Voltage Flux Tj:25°C (v)	Serial	Parallel	Power Consumption	Efficacy	CRI (Ra)
						TC:25°C Tj:25°C (w)	TC: 25°C Tj:25°C (lm/w)	
Operation Mode at 500 mA								
EC-R98-1206-L128-30-80	3000	3023	33.48	12	6	16.74	180.58	80
EC-R98-1206-L128-40-80	4000	3146	33.48	12	6	16.74	187.93	80
EC-R98-1206-L128-65-80	6500	3104	33.48	12	6	16.74	185.42	80
Operation Mode at 700 mA								
EC-R98-1206-L128-30-80	3000	4121	34.2	12	6	23.94	172.13	80
EC-R98-1206-L128-40-80	4000	4270	34.2	12	6	23.94	178.36	80
EC-R98-1206-L128-65-80	6500	4221	34.2	12	6	23.94	176.31	80
Operation Mode at 1000 mA								
EC-R98-1206-L128-30-80	3000	5697	35.16	12	6	35.16	162.03	80
EC-R98-1206-L128-40-80	4000	5871	35.16	12	6	35.16	166.97	80
EC-R98-1206-L128-65-80	6500	5815	35.16	12	6	35.16	165.38	80

**These values are estimated.



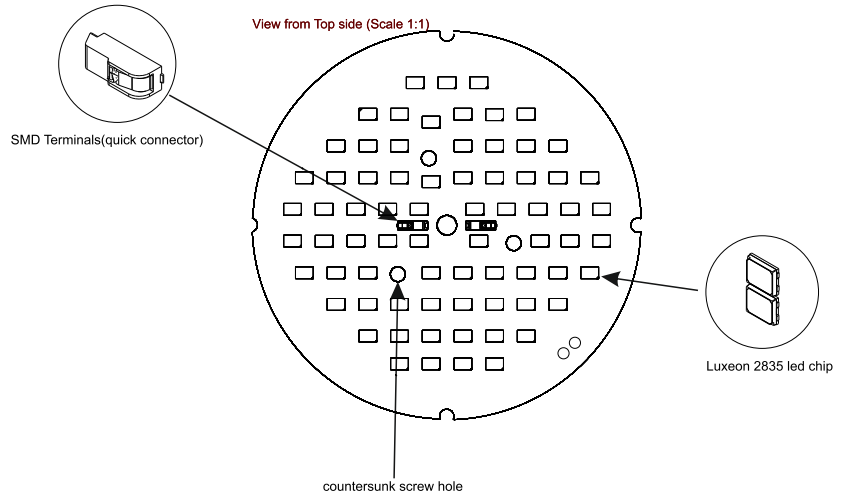
EC-R98-1206-L128

Mechanical Specification

New Experience Of Lighting

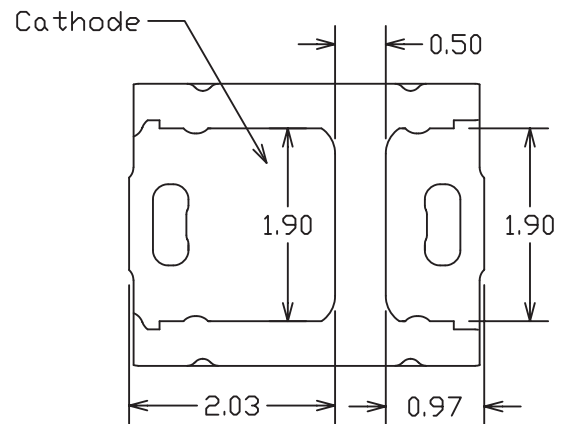
PCB Specification

- Length:98 mm
- Width:98 mm
- Height:2.25 mm
- Thickness of PCB:1.6 mm

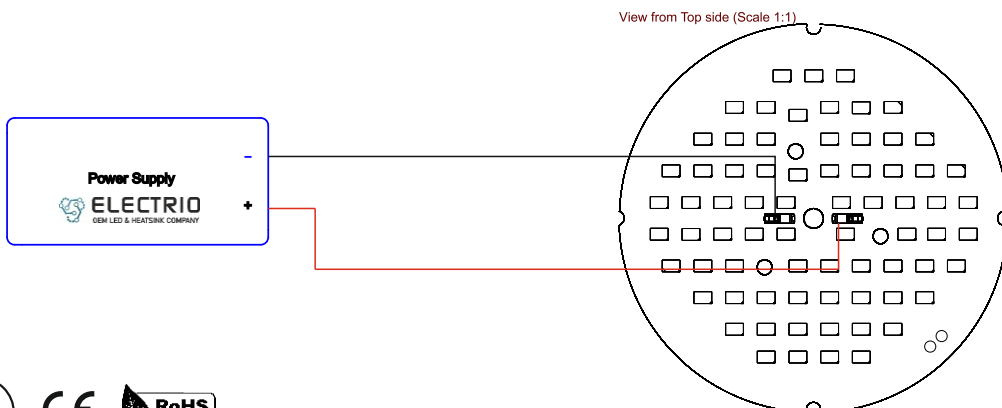


LEDs Specification

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



Connection Diagram

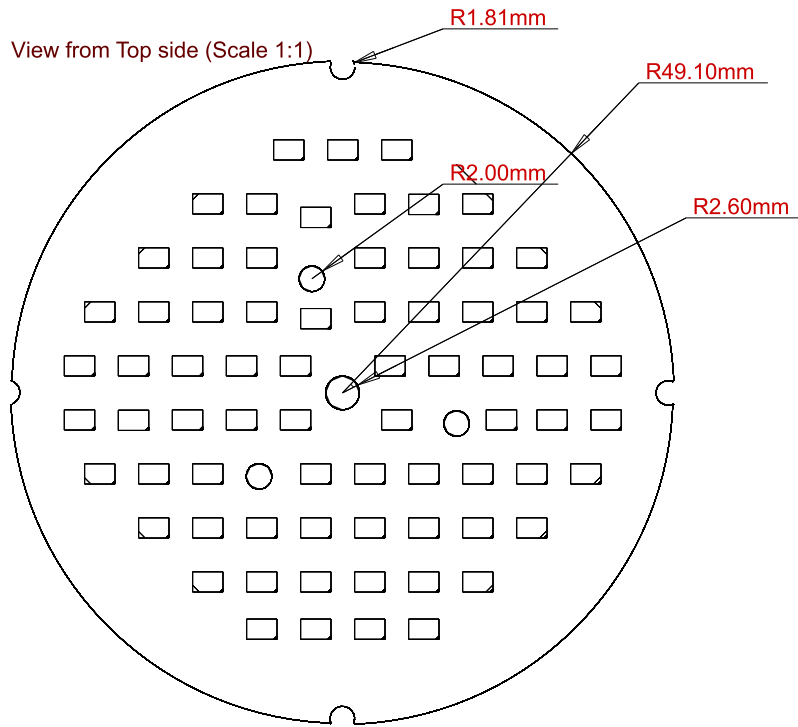


EC-R98-1206-L128

Mechanical Dimensions

New Experience Of Lighting

View from Front side (Scale 1:1)



View from Bottom side (Scale 1:1)

