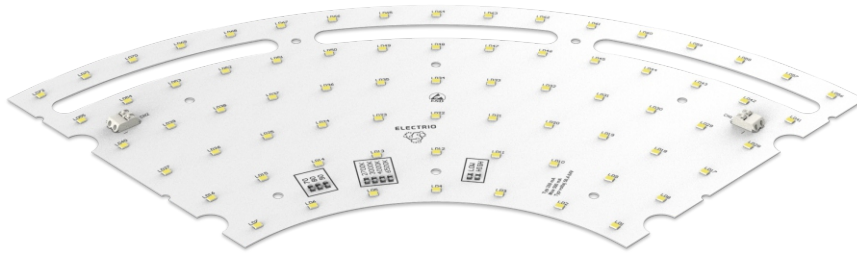


EQ-R530-1804-L128

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	Forward Voltage Flux	Serial	Parallel	Power Consumption	Efficacy	CRI
		TC:25°C Tj:25°C	TC:25°C Tj:25°C			TC: 25°C Tj:25°C	TC: 25°C Tj:25°C	
	(k)	(lm)	(v)			(w)	(lm/w)	(Ra)
Operation Mode at 350 mA								
EQ-R530-1804-L128-30-80	3000	3159	50.4	18	4	17.64	179.08	80
EQ-R530-1804-L128-40-80	4000	3285	50.4	18	4	17.64	186.22	80
EQ-R530-1804-L128-65-80	6500	3242	50.4	18	4	17.64	183.78	80
Operation Mode at 500 mA								
EQ-R530-1804-L128-30-80	3000	4412	51.48	18	4	25.74	171.40	80
EQ-R530-1804-L128-40-80	4000	4566	51.48	18	4	25.74	177.38	80
EQ-R530-1804-L128-65-80	6500	4515	51.48	18	4	25.74	175.40	80
Operation Mode at 700 mA								
EQ-R530-1804-L128-30-80	3000	5970	52.92	18	4	37.04	161.17	80
EQ-R530-1804-L128-40-80	4000	6147	52.92	18	4	37.04	165.95	80
EQ-R530-1804-L128-65-80	6500	6091	52.92	18	4	37.04	164.44	80

**These values are estimated.



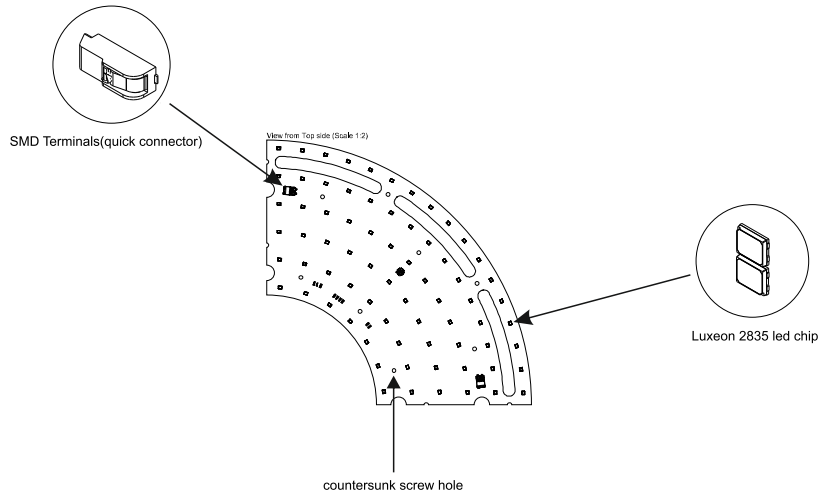
EQ-R530-1804-L128

Mechanical Specification

New Experience Of Lighting

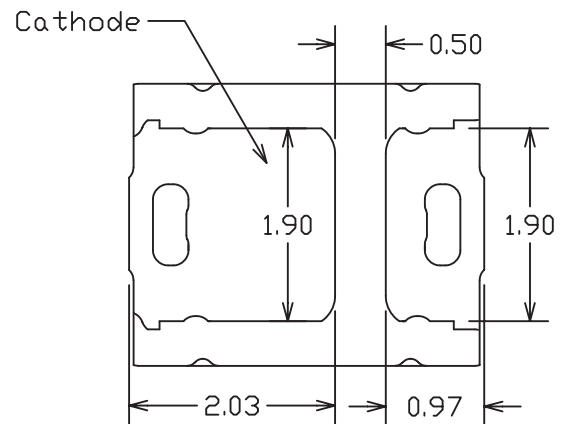
PCB Specification

- Length:265 mm
- Width:265 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

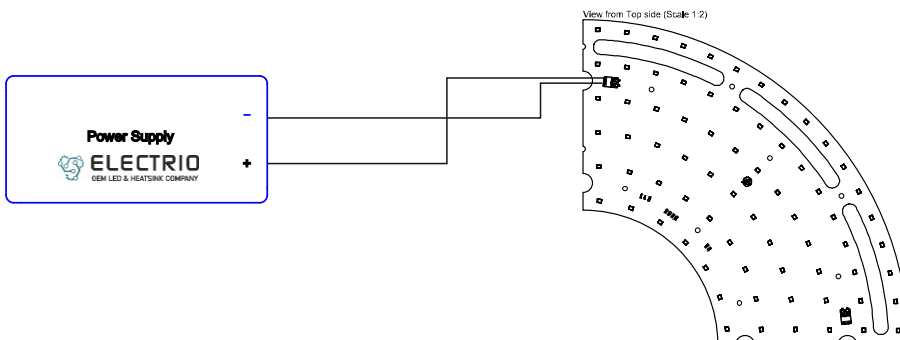


LEDs Specification

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



Connection Diagram



EQ-R530-1804-L128

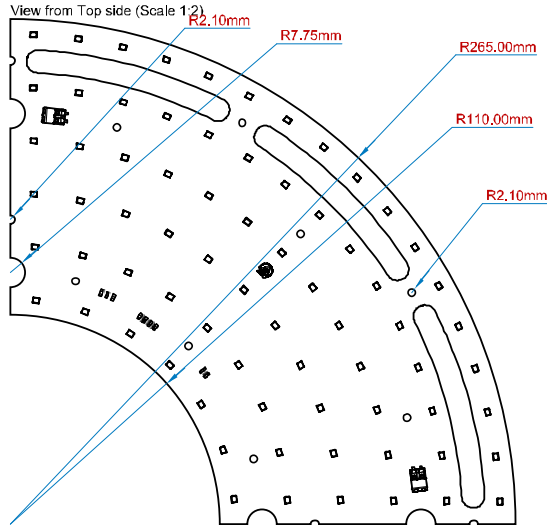
Mechanical Dimensions

New Expreience Of Lighting

View from Front side (Scale 1:2)



View from Top side (Scale 1:2)



View from Bottom side (Scale 1:2)

