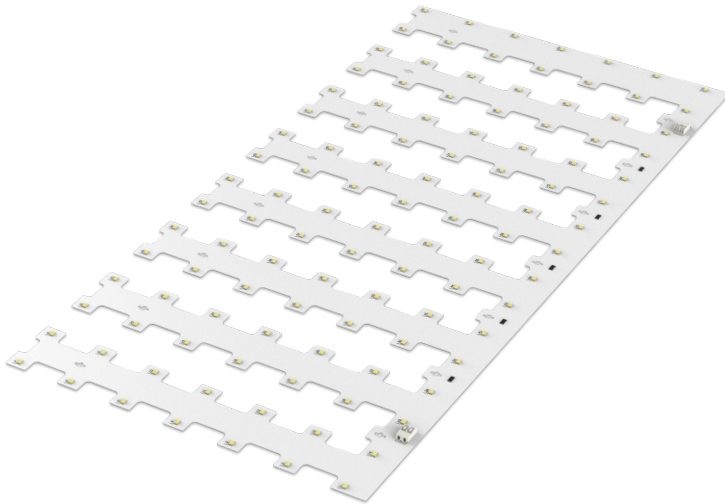


# EP-520.5X260-1408-L128

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 (lm)	Forward Voltage Flux Tj:25°C (v)	Serial	Parallel	Power Consumption	Efficacy	CRI
						TC:25°C Tj:25°C (w)	TC: 25°C Tj:25°C (lm/w)	
Operation Mode at 500 mA								
EP-520.5X260-1408-L128-30-80	3000	3568	38.5	14	8	19.25	185.35	80
EP-520.5X260-1408-L128-40-80	4000	3728	38.5	14	8	19.25	193.66	80
EP-520.5X260-1408-L128-65-80	6500	3672	38.5	14	8	19.25	190.75	80
Operation Mode at 700 mA								
EP-520.5X260-1408-L128-30-80	3000	4913	39.2	14	8	27.44	179.04	80
EP-520.5X260-1408-L128-40-80	4000	5111	39.2	14	8	27.44	186.26	80
EP-520.5X260-1408-L128-65-80	6500	5043	39.2	14	8	27.44	183.78	80
Operation Mode at 1000 mA								
EP-520.5X260-1408-L128-30-80	3000	6863	40.04	14	8	40.04	171.04	80
EP-520.5X260-1408-L128-40-80	4000	7103	40.04	14	8	40.04	177.39	80
EP-520.5X260-1408-L128-65-80	6500	7024	40.04	14	8	40.04	175.42	80

\*\*These values are estimated.



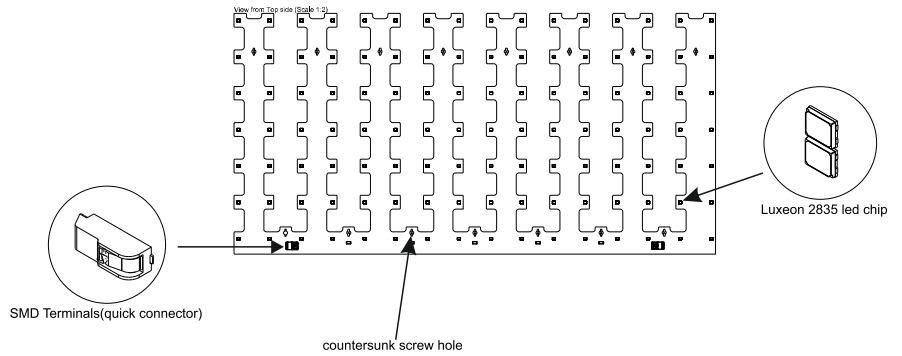
# EP-520.5X260-1408-L128

## Mechanical Specification

New Exprience Of Lighting

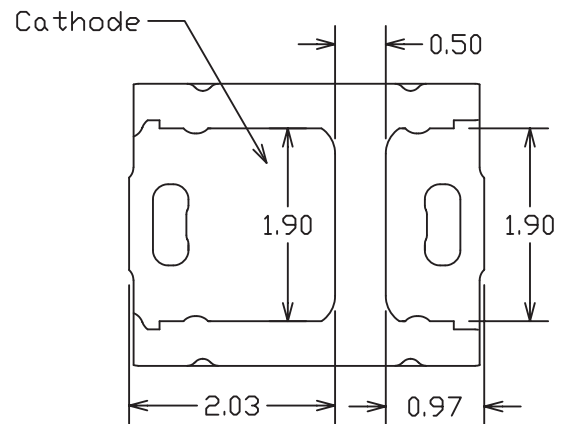
### PCB Specification

- Length:520 mm
- Width:260 mm
- Height:2.25 mm
- Thickness of PCB: 1.6 mm

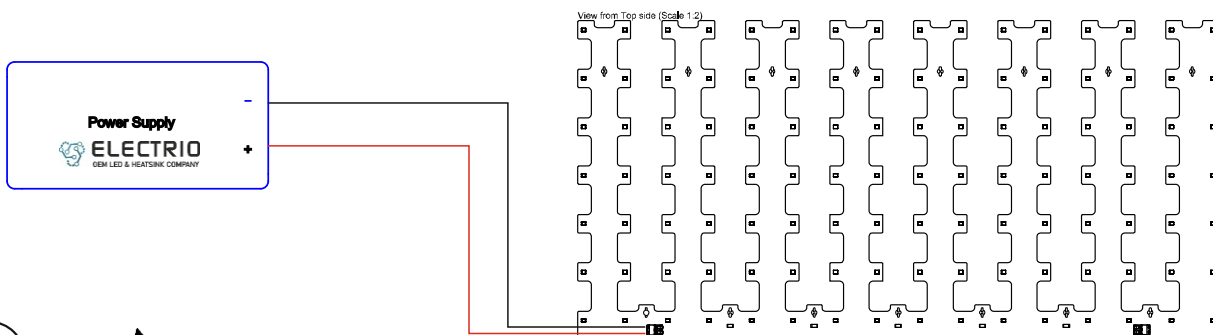


### LEDs Specification

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



## Connection Diagram



# EP-520.5X260-1408-L128

## Mechanical Dimensions

New Expreience Of Lighting

View from Front side (Scale 1:2)

