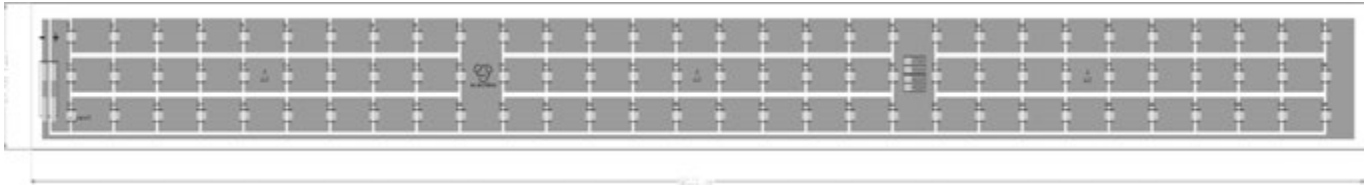


# Electrio 590x37mm-90 LED



New Exprience  
Of Lighting



- High Efficacy up to 162,5 Lm/W
- SAMSUNG LED LM281b+ Used , 2.8 mm x 3.5 mm
- Constant Colour , MacAdams Step 3
- Homogeneous illumination
- PCB Material FR4 1.6mm , Optional Selection

<b>Samsung LED Code :</b>	LM281B+
<b>CRI :</b>	80
<b>IF-Type:</b>	65mA
<b>IF-Max :</b>	160mA
<b>TJ-Typ ( sorting ) :</b>	25 °C
<b>Tj-Max :</b>	115 °C
<b>CONNECTOR</b>	

Product Code	Colour (K)	Luminous Flux TC: 25C			Forward Voltage Flux TC: 25C			Paralel	Serial	Power Consumption TC: 25C Typ. (W)	Efficacy TC: 25C Typ. (lm/W)	CRI (Ra)
		Min. (lm)	Nom. (lm)	Max. (lm)	Min. (v)	Nom. (v)	Max. (v)					
<b>Operation Mode at 250 mA</b>												
	<b>BIN CODE</b>	<b>SA</b>	<b>SE</b>	<b>SG</b>	<b>A1</b>	<b>A2</b>	<b>A4</b>			<b>A2(V)</b>	<b>SE</b>	
Electrio-590x37mm-90 LED	3000K	3015	3442	3655	81,6	84,6	90,3	3	30	21,1	163,4	80>
	4000K	3203	3629	3842	81,6	84,6	90,3	3	30	21,1	172,3	80>
	6500K	3203	3629	3842	81,6	84,6	90,3	3	30	21,1	172,3	80>
<b>Operation Mode at 350 mA</b>												
Electrio-590x37mm-90 LED	3000K	4058	4633	4920	81,6	84,6	90,3	3	30	30	154,2	80>
	4000K	4310	4884	5171	81,6	84,6	90,3	3	30	30	162,5	80>
	6500K	4310	4884	5171	81,6	84,6	90,3	3	30	30	162,5	80>
<b>Operation Mode at 450 mA</b>												
Electrio-590x37mm-90 LED	3000K	4991	5698	6052	81,6	84,6	90,3	3	30	39,7	143,6	80>
	4000K	5301	6007	6361	81,6	84,6	90,3	3	30	39,7	152,4	80>
	6500K	5301	6007	6361	81,6	84,6	90,3	3	30	39,7	151,3	80>

PCB Details				Packing Details		
Length	Width	Thickness of PCB		Height	ESD Foam	Box
590mm	37mm	1,6mm		2,1mm	28	224