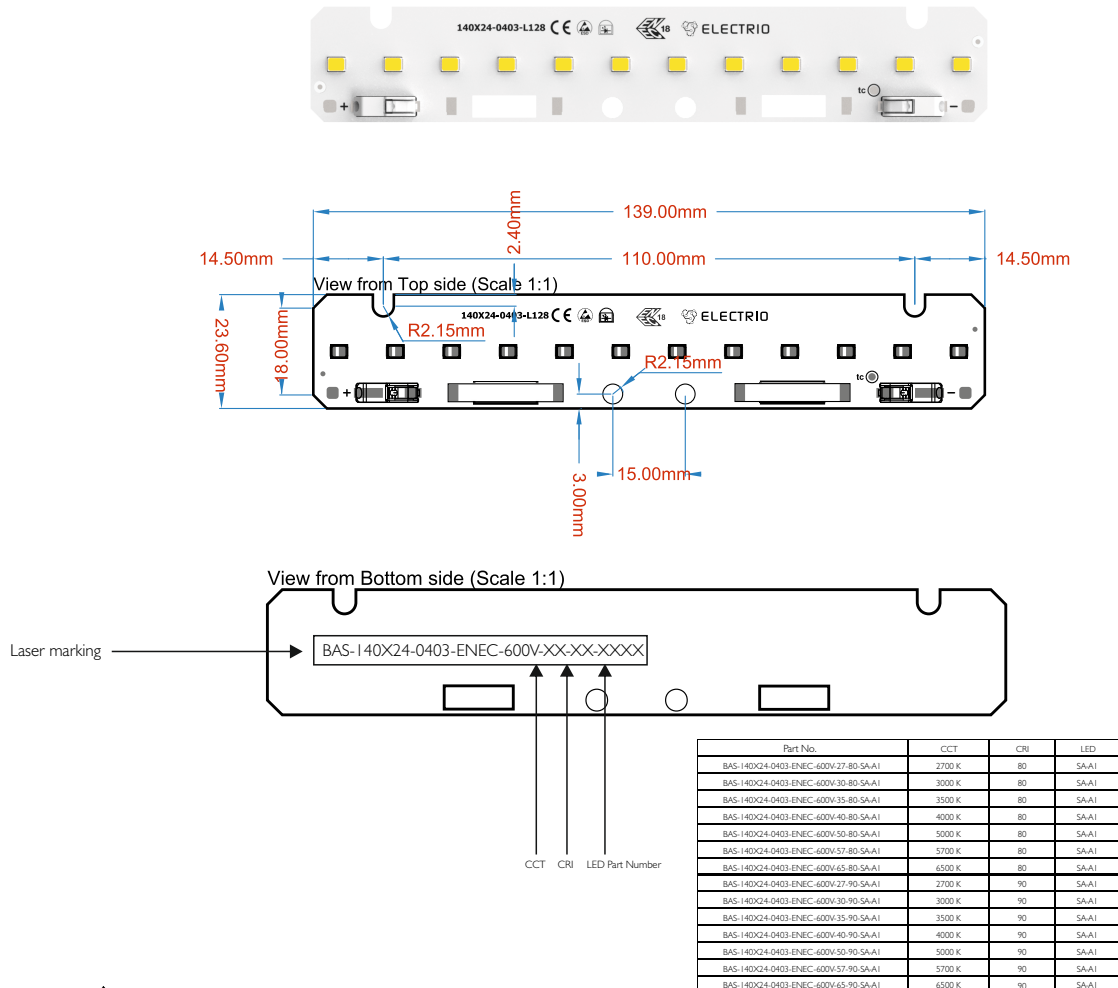


# 140X24-0403-ENEC-CTI600V

- Lumileds Luxeon 2835 SA-AI 3V
- Constant Color, MacAdams Step 3
- Substrate: FR4
- PCB Thickness: 1.6 mm
- Copper Weight: 35µm
- Surface Treatment: HASL
- Thermal Conductivity < 1 W/mk
- Breakdown Voltage: 2000V
- Wago 2060-451/998-404 1 pole connector
- CTI 600V
- Max. temperature is 85°C @ Tc point
- Max. operating current I<sub>max</sub> = 900mA
- Max. working voltage is 400V for insulation
- 85°C, 180mA, TM-2 I L70(12K) > 72.000hrs
- 85°C, 360mA, TM-2 I L70(12K) > 72.000hrs
- 85°C, 540mA, TM-2 I L70(10K) = 49,615hrs

\*The LED module has basic insulation up to 400 V, screws with a head diameter of 7 mm.





# 140X24-0403-ENEC-CTI600V

## Electrical Specification

Product Code	Colour	Useful Luminous Flux 1 TC:25°C	Expected Luminous Flux 2 TC:25°C	Forward Voltage Flux	Serial	Parallel	Power Consumption 3 TC:25°C	Useful Efficiency TC: 25°C	Expected Efficiency TC: 25°C	CRI
	(k)	(lm)	(lm)	(v)			(w)	(lm/w)	(lm/w)	
Operation Mode at 350 mA										
BAS-140X24-0403-ENEC-600V27-80-SA-A1	2700	633	672	11.40	4	3	3.99	-	168.42	80
BAS-140X24-0403-ENEC-600V30-80-SA-A1	3000	650	692	11.40	4	3	3.99	162.91	173.43	80
BAS-140X24-0403-ENEC-600V35-80-SA-A1	3500	-	698	11.40	4	3	3.99	-	174.94	80
BAS-140X24-0403-ENEC-600V40-80-SA-A1	4000	676	720	11.40	4	3	3.99	169.42	180.45	80
BAS-140X24-0403-ENEC-600V50-80-SA-A1	5000	-	720	11.40	4	3	3.99	-	180.45	80
BAS-140X24-0403-ENEC-600V57-80-SA-A1	5700	-	720	11.40	4	3	3.99	-	180.45	80
BAS-140X24-0403-ENEC-600V65-80-SA-A1	6500	-	710	11.40	4	3	3.99	-	177.94	80
BAS-140X24-0403-ENEC-600V27-90-SA-A1	2700	-	568	11.40	4	3	3.99	-	142.36	90
BAS-140X24-0403-ENEC-600V30-90-SA-A1	3000	559	596	11.40	4	3	3.99	140.10	149.37	90
BAS-140X24-0403-ENEC-600V35-90-SA-A1	3500	-	620	11.40	4	3	3.99	-	155.39	90
BAS-140X24-0403-ENEC-600V40-90-SA-A1	4000	595	632	11.40	4	3	3.99	149.12	158.40	90
BAS-140X24-0403-ENEC-600V50-90-SA-A1	5000	597	634	11.40	4	3	3.99	-	158.90	90
BAS-140X24-0403-ENEC-600V57-90-SA-A1	5700	-	634	11.40	4	3	3.99	-	158.90	90
BAS-140X24-0403-ENEC-600V65-90-SA-A1	6500	-	626	11.40	4	3	3.99	-	156.89	90

\*\*These values are estimated.  
Tolerance of useful light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %  
Tolerance of expected light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %. Based on calculation  
Tolerance of power consumption Pon ± 10 %. Measurement uncertainty ± 5 %

