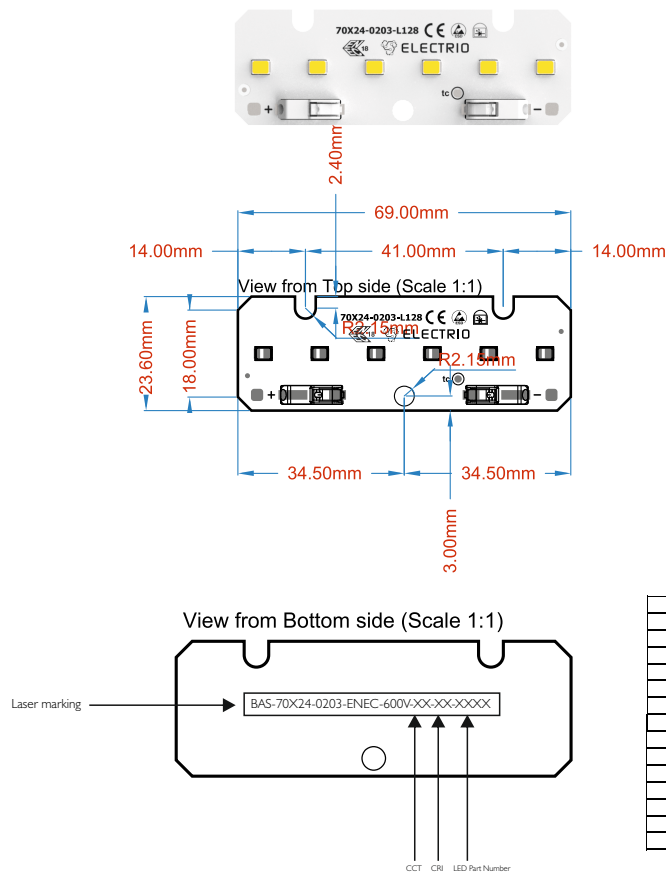


70X24-0203-ENEC-CTI600V

- 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 < 1W/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_{max} = 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.



Part No.	CCT	CRI	LED
BAS-70X24-0203-ENEC-600V-27-80-SA-AI	2700 K	80	SA-AI
BAS-70X24-0203-ENEC-600V-30-80-SA-AI	3000 K	80	SA-AI
BAS-70X24-0203-ENEC-600V-35-80-SA-AI	3500 K	80	SA-AI
BAS-70X24-0203-ENEC-600V-40-80-SA-AI	4000 K	80	SA-AI
BAS-70X24-0203-ENEC-600V-50-80-SA-AI	5000 K	80	SA-AI
BAS-70X24-0203-ENEC-600V-57-80-SA-AI	5700 K	80	SA-AI
BAS-70X24-0203-ENEC-600V-65-80-SA-AI	6500 K	80	SA-AI
BAS-70X24-0203-ENEC-600V-27-90-SA-AI	2700 K	90	SA-AI
BAS-70X24-0203-ENEC-600V-30-90-SA-AI	3000 K	90	SA-AI
BAS-70X24-0203-ENEC-600V-35-90-SA-AI	3500 K	90	SA-AI
BAS-70X24-0203-ENEC-600V-40-90-SA-AI	4000 K	90	SA-AI
BAS-70X24-0203-ENEC-600V-50-90-SA-AI	5000 K	90	SA-AI
BAS-70X24-0203-ENEC-600V-57-90-SA-AI	5700 K	90	SA-AI
BAS-70X24-0203-ENEC-600V-65-90-SA-AI	6500 K	90	SA-AI



70X24-0203-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-70X24-0203-ENEC-600V-27-80-SA-AI	2700	317	336	5.70	2	3	2.00	-	168.42	80
BAS-70X24-0203-ENEC-600V-30-80-SA-AI	3000	325	346	5.70	2	3	2.00	162.91	173.43	80
BAS-70X24-0203-ENEC-600V-35-80-SA-AI	3500	-	349	5.70	2	3	2.00	-	174.94	80
BAS-70X24-0203-ENEC-600V-40-80-SA-AI	4000	338	360	5.70	2	3	2.00	169.42	180.45	80
BAS-70X24-0203-ENEC-600V-50-80-SA-AI	5000	-	360	5.70	2	3	2.00	-	180.45	80
BAS-70X24-0203-ENEC-600V-57-80-SA-AI	5700	-	360	5.70	2	3	2.00	-	180.45	80
BAS-70X24-0203-ENEC-600V-65-80-SA-AI	6500	-	355	5.70	2	3	2.00	-	177.94	80
BAS-70X24-0203-ENEC-600V-27-90-SA-AI	2700	-	284	5.70	2	3	2.00	-	142.36	90
BAS-70X24-0203-ENEC-600V-30-90-SA-AI	3000	280	298	5.70	2	3	2.00	140.35	149.37	90
BAS-70X24-0203-ENEC-600V-35-90-SA-AI	3500	-	310	5.70	2	3	2.00	-	155.39	90
BAS-70X24-0203-ENEC-600V-40-90-SA-AI	4000	298	316	5.70	2	3	2.00	149.37	158.40	90
BAS-70X24-0203-ENEC-600V-50-90-SA-AI	5000	299	317	5.70	2	3	2.00	-	158.90	90
BAS-70X24-0203-ENEC-600V-57-90-SA-AI	5700	-	317	5.70	2	3	2.00	-	158.90	90
BAS-70X24-0203-ENEC-600V-65-90-SA-AI	6500	294	313	5.70	2	3	2.00	147.00	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 %

