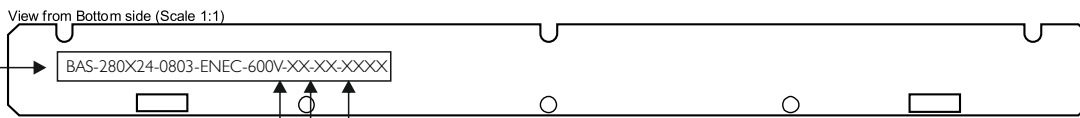
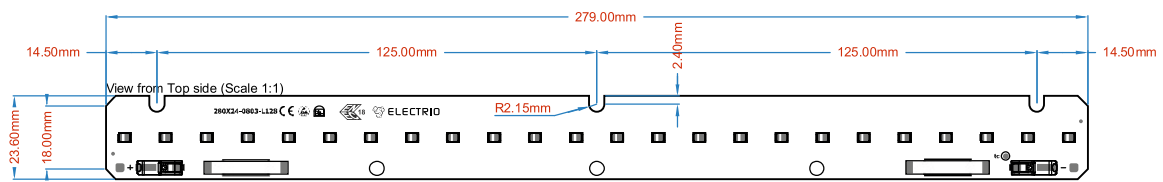


280X24-0803-ENEC-CTI600V

- Lumileds Luxeon 2835 SA-A1 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.



CCCT CRI LED Part Number

Part No.	CCCT	CRI	LED
BAS-280X24-0803-ENEC-600V/27-80-SA-A1	2700 K	80	SA-A1
BAS-280X24-0803-ENEC-600V/30-80-SA-A1	3000 K	80	SA-A1
BAS-280X24-0803-ENEC-600V/35-80-SA-A1	3500 K	80	SA-A1
BAS-280X24-0803-ENEC-600V/40-80-SA-A1	4000 K	80	SA-A1
BAS-280X24-0803-ENEC-600V/50-80-SA-A1	5000 K	80	SA-A1
BAS-280X24-0803-ENEC-600V/57-80-SA-A1	5700 K	80	SA-A1
BAS-280X24-0803-ENEC-600V/65-80-SA-A1	6500 K	80	SA-A1
BAS-280X24-0803-ENEC-600V/27-90-SA-A1	2700 K	90	SA-A1
BAS-280X24-0803-ENEC-600V/30-90-SA-A1	3000 K	90	SA-A1
BAS-280X24-0803-ENEC-600V/35-90-SA-A1	3500 K	90	SA-A1
BAS-280X24-0803-ENEC-600V/40-90-SA-A1	4000 K	90	SA-A1
BAS-280X24-0803-ENEC-600V/50-90-SA-A1	5000 K	90	SA-A1
BAS-280X24-0803-ENEC-600V/57-90-SA-A1	5700 K	90	SA-A1
BAS-280X24-0803-ENEC-600V/65-90-SA-A1	6500 K	90	SA-A1



280X24-0803-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-280X24-0803-ENEC-600V27-80-SA-A1	2700	1264	1344	22.80	8	3	7.98	-	168.42	80
BAS-280X24-0803-ENEC-600V30-80-SA-A1	3000	1301	1384	22.80	8	3	7.98	163.03	173.43	80
BAS-280X24-0803-ENEC-600V35-80-SA-A1	3500	-	1396	22.80	8	3	7.98	-	174.94	80
BAS-280X24-0803-ENEC-600V40-80-SA-A1	4000	1353	1440	22.80	8	3	7.98	169.55	180.45	80
BAS-280X24-0803-ENEC-600V50-80-SA-A1	5000	1357	1440	22.80	8	3	7.98	-	180.45	80
BAS-280X24-0803-ENEC-600V57-80-SA-A1	5700	-	1440	22.80	8	3	7.98	-	180.45	80
BAS-280X24-0803-ENEC-600V65-80-SA-A1	6500	-	1420	22.80	8	3	7.98	-	177.94	80
BAS-280X24-0803-ENEC-600V27-90-SA-A1	2700	-	1136	22.80	8	3	7.98	-	142.36	90
BAS-280X24-0803-ENEC-600V30-90-SA-A1	3000	1120	1192	22.80	8	3	7.98	140.35	149.37	90
BAS-280X24-0803-ENEC-600V35-90-SA-A1	3500	-	1240	22.80	8	3	7.98	-	155.39	90
BAS-280X24-0803-ENEC-600V40-90-SA-A1	4000	1266	1264	22.80	8	3	7.98	158.65	158.40	90
BAS-280X24-0803-ENEC-600V50-90-SA-A1	5000	-	1268	22.80	8	3	7.98	-	158.90	90
BAS-280X24-0803-ENEC-600V57-90-SA-A1	5700	-	1268	22.80	8	3	7.98	-	158.90	90
BAS-280X24-0803-ENEC-600V65-90-SA-A1	6500	-	1252	22.80	8	3	7.98	-	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 %

