

LED MODULE VIOLET-12x1-W UVA 365NM 12 LEDs EEPROM

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Applications

- Paint curing
- Wood aging

Characteristics

- UV type: UV-C
- Wavelength 365nm – 370nm
- Efficacy - up to 41%
- 05 years warranty



DRIVING CURRENTS

Parameter	Nominal	Max
Input Driving Current	500 mA	1000 mA

ELECTRICAL PARAMETERS

Parameter	Typical Value	Units
I	500	mA
V _{f_board}	20.3	V

MODULE TEMPERATURES

Parameter	Nominal	Max (on T _c)
T _c (temperature at T _c point)	25°C	70°C

PRODUCT PART NUMBER

80617800100

LED MODULE VIOLET-12x1-W UVA 365nm 12 LEDs EEPROM 317X76,2X50,8MM

TECHNICAL INFORMATION

UV Type	Wavelength (nm)	#LEDs	Forward Current (mA)	Rad. Power* (mW)	Forward Voltage (V)	Power (W)	T _j (°C)	Efficacy** (%)
UV-A	365-370nm	12	350	4,612	20.0	7.0	25	65
			500	5,592	20.3	10.1	25	55
			1,000	8,896	21.3	21.3	25	41

*The specific radiant power of the LEDs may vary ± 7%.

**Efficacy relates the electrical power consumed to the radiant power emitted

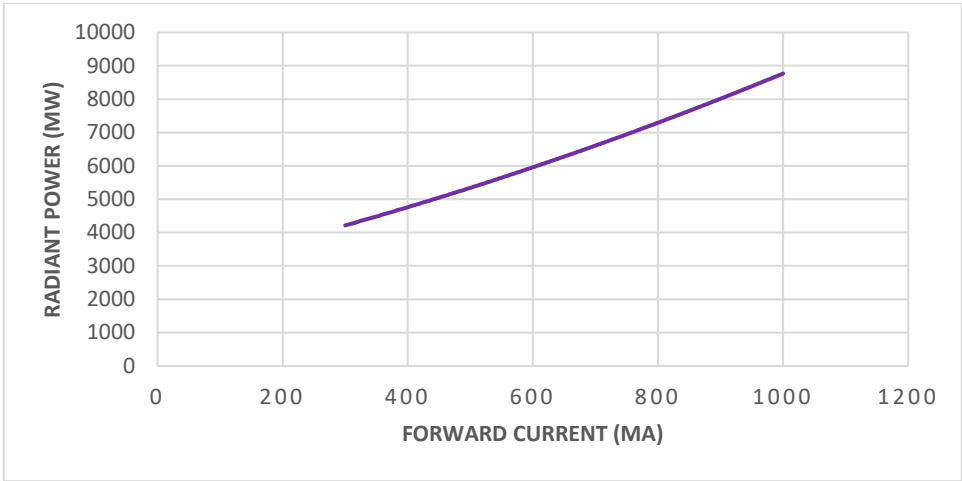
LED TYPE

Manufacturer: LUMINUS

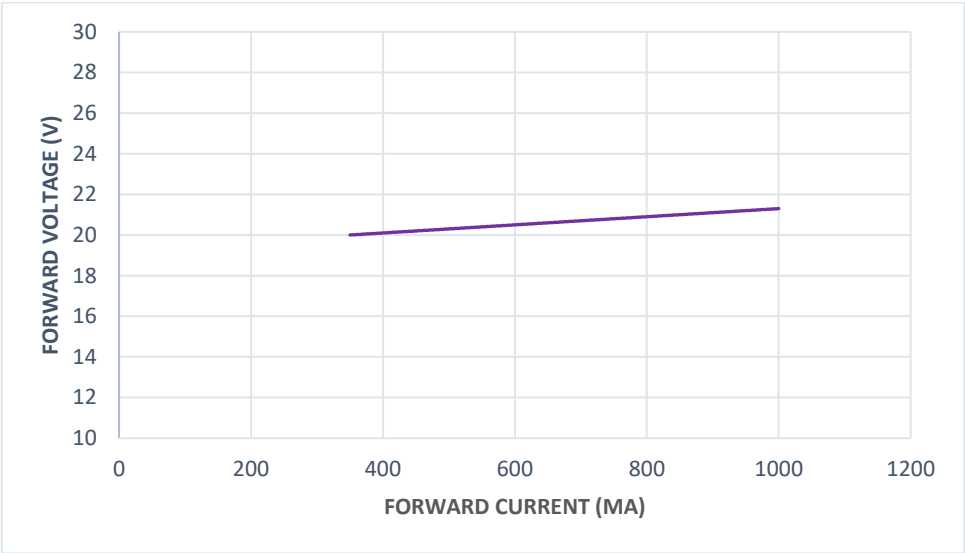
LED Series: SST-10-UV

TECHNICAL GRAPHS

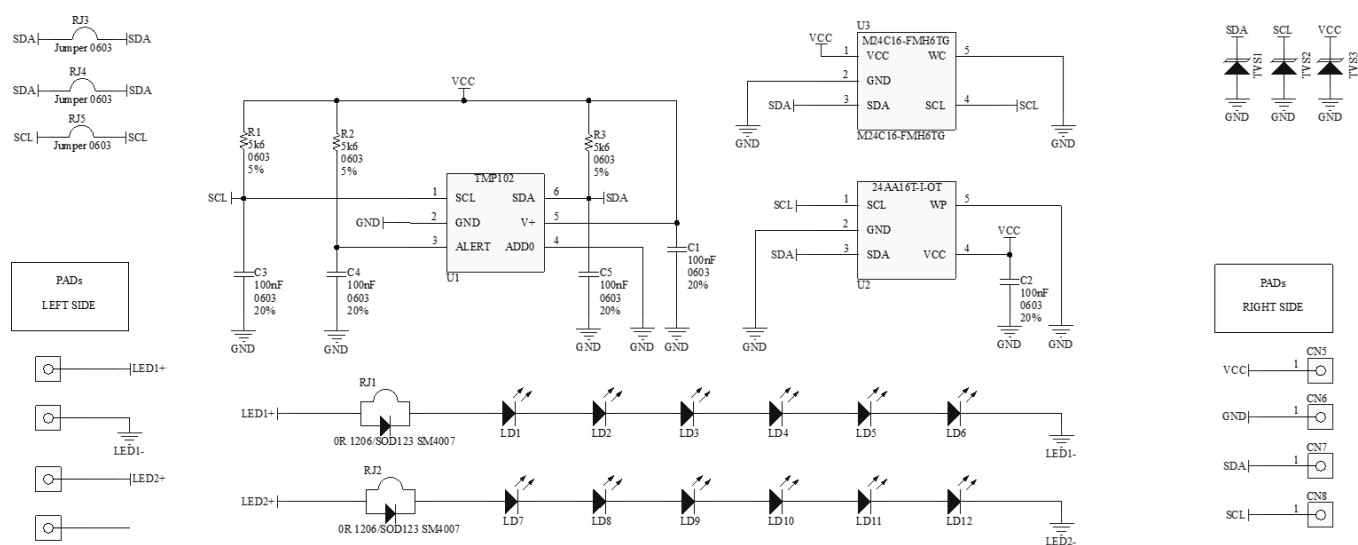
Radiant Power (mW) x Forward Current (mA) (T_J 25°C)



Forward Voltage (V) x Forward Current (mA) (T_J 25°C)

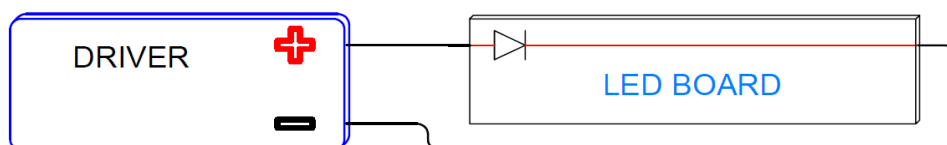


SCHEMATICS



WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75	mm ²	Solid wire
	18...24	AWG	
Input wire strip length	7.5...8.5	mm	Solid wire
Input wire cross-section	0.33...0.5	mm ²	Stranded wire
	20...22	AWG	
Input wire strip length	7.5...8.5	mm	Stranded wire



COMPATIBLE OPTICS

Manufacturer	Part Number	Color	Beam
LEDiL	FN17810_VIOLET-12X1-RS	Clear	~14°
LEDiL	FN17294_VIOLET-12X1-S	Clear	~20°
LEDiL	FN17818_VIOLET-12X1-W	Clear	~60°



WARNING

