

## LIGHT ENGINE COB UVC 19mm x 16mm 70mW

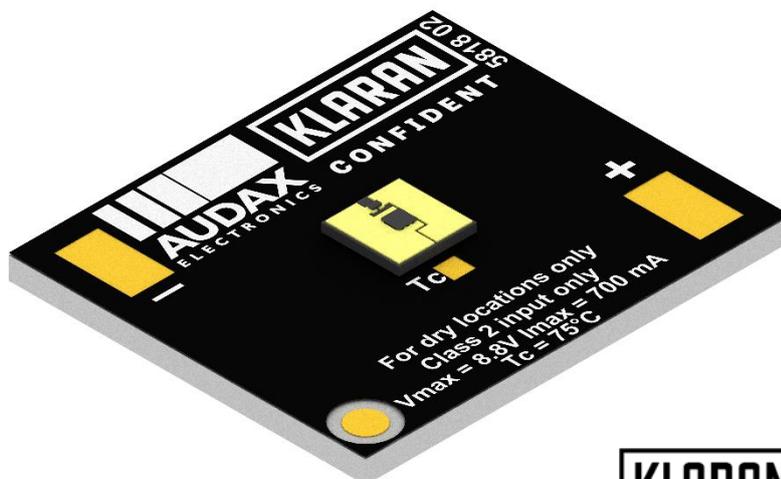
Issue Date	August, 2021
Issued by	Malassise, V.

### Applications

- Medical sterilization
- Drinking water disinfection
- Infectious disease control
- Food processing sterilization
- Air sterilization

### Characteristics

- UV Type - UVC
- Wavelength – 260-270nm
- Efficacy - up to 2.0%
- 05 years warranty



### DRIVING CURRENTS

Parameter	Nominal	Max
LIGHT ENGINE COB UVC 19mm x 16mm 70mW	500 mA	600 mA

### MODULE TEMPERATURES

Parameter	Nominal	Max
Ts (temperature at Ts point)	40 °C	60 °C

### PRODUCT PART NUMBER

**80338000100**

UVC – 260-270nm

### TECHNICAL INFORMATION

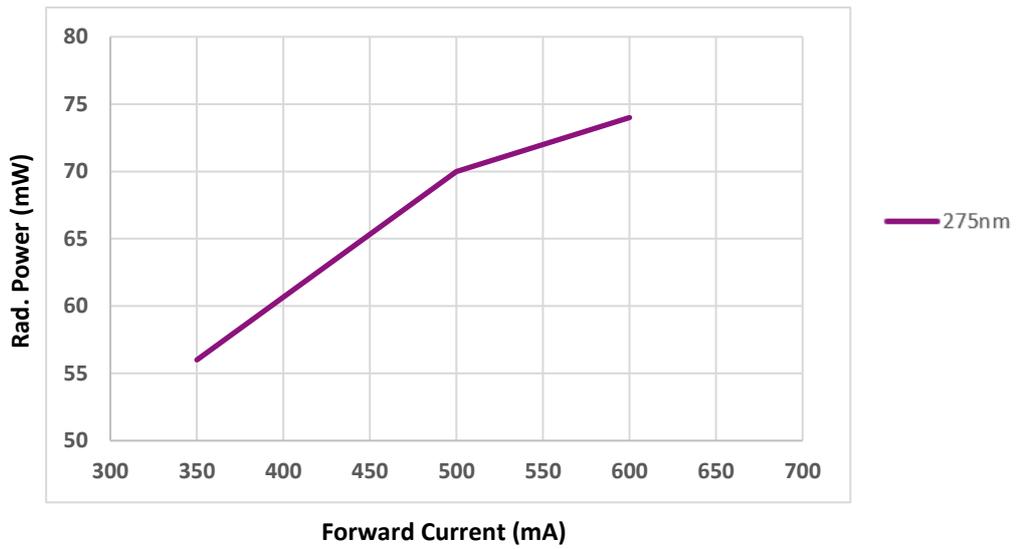
UV Type	Wavelength (nm)	#LEDs	Forward Current (mA)	Rad. Power (mW)	Forward Voltage (V)	Power (W)	Ts (°C)	EFF (%)
UVC	260-270	1	350	56.0	7.5	2.6	40	2.0
			500	70.0	8.0	4.0	40	1.8
			600	74.0	9.0	5.4	40	1.4

### LED TYPE

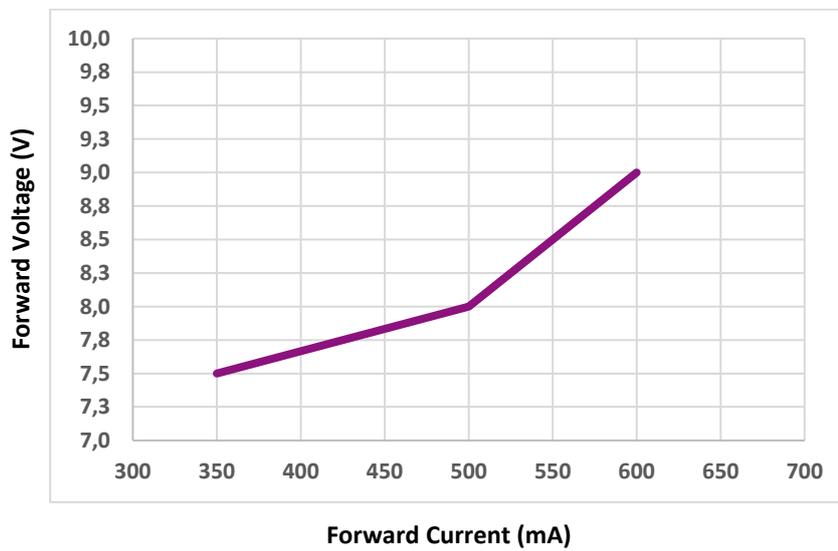
Manufacturer: Klaran

LED Series: KL265

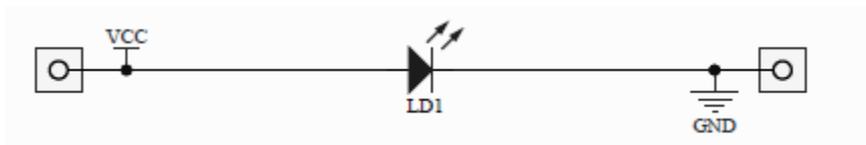
Rad. Power (mW) x Forward Current (mA) (Ts 40°C)

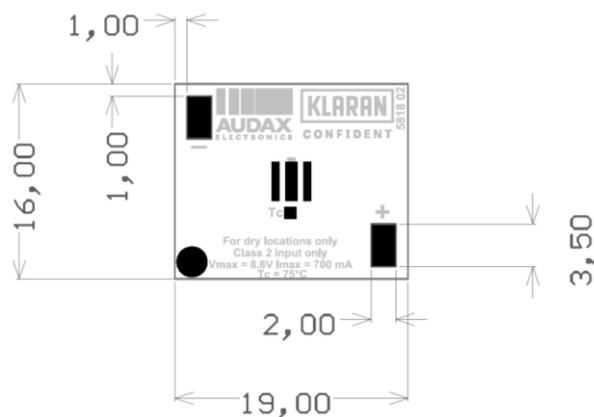


Forward Voltage (V) x Forward Current (mA) (Ts 40°C)



SCHEMATICS

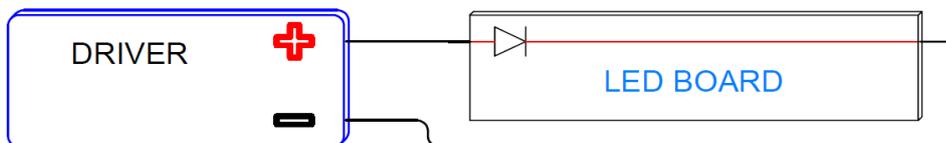




Units: mm

WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.25...0.75	mm <sup>2</sup>	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 <sup>2</sup>	Stranded wire
	20...22	AWG	
Input wire strip length	7.5...8.5	mm	Stranded wire



COMPATIBLE OPTICS

Manufacturer	Part Number	Color	Beam
LEDiL	F15074_ZORYA-SC	Clear	~340°
LEDiL	F14627_STELLA-FRESNEL	Clear	~25°
LEDiL	C16907_ALISE-50-S	Clear	~15°
LEDiL	C16908_ALISE-50-M	Clear	~24°
LEDiL	C16909_ALISE-50-W	Clear	~36°
LEDiL	C16910_ALISE-50-WW	Clear	~60°
LEDiL	C16903_ALISE-70-S	Clear	~15°
LEDiL	C16904_ALISE-70-M	Clear	~24°
LEDiL	C16905_ALISE-70-W	Clear	~36°
LEDiL	C16906_ALISE-70-WW	Clear	~60°
LEDiL	C16899_ALISE-110-S	Clear	~15°
LEDiL	C16900_ALISE-110-M	Clear	~24°
LEDiL	C16901_ALISE-110-W	Clear	~36°
LEDiL	C16902_ALISE-110-WW	Clear	~60°

