



UVC Led Strip

It is a product to install in air conditioning units or ventilation systems. UV is very high throughput and works by modifying DNA and RNA of microorganisms, therefore, it is effective against all types of viruses such as, Coronavirus / SARS, H1N1 flu, colds, measles.



Main test results

Total irradiance	0.26 W/m ²
Peak wavelength 1	275 nm
Irradiance at 275nm	0.0064 W/m ² /nm
Peak wavelength 2	400 nm
Irradiance at 400 nm	0.0093 W/m ² / nm
Electrical system consumption	3.55 W
Power Factor	0.313

Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Absolute Maximum Rating	Unit
DC Forward Current	IF	≤70	mA
Junction Temperature	Tj	≤85	°C
Operating Temperature	Topr	-40 ~ +60	°C
Storage Temperature	Tstg	-40 ~ +100	°C

Electrical / Optical Characteristic (Ta=25°C)

Item	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	VF		5.5		V	IF=20mA
Radiant Power	ΦV		3		mW	
Peak Wavelength	PWL		275		nm	
Spectra Half-width	Δλ	-	15	-	nm	

Note
1- Forward voltage measurement allowance is ± 0.2V. 2- Radiant flux measurement allowance is ± 10%.
3- Irradiance tested at distance 10mm from Al reflector. 4- Wavelength measurement allowance is ± 3nm.

Presentation

Power 12V		Power 24V	
Long	0,50 cm	Long	0,75 cm
Residential equipment		Light commercial equipment	
With transformer 220v x 24v	Without transformer	With transformer 110v x 24 220v x 24	Without transformer
Duration 30.000 Hs		Duration 30.000 Hs	



CAUTION

- LEDs emit very strong UV radiation.
- Don't look directly into the LED light.
- UV radiation can harm your eyes.
- To prevent even inadequate exposure, wear protective eyewear.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LE used.
- Keep out of reach of children.
- Specification and dimension are subject to change for improvement without notice.



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