

FLEXIBLE LED STRIP LIGHT, PLCC SMD LED type

TLS-SMD-300

Features:

- Flexible LED strip light, Mono color and RGB color
- Ultra brightness
- PLCC SMD LEDs
- LED color: Red, Green, Blue, Yellow, white, RGB full color
- LED service life: 50,000-100,000hrs
- Power supply: 12VDC
- Waterproof, simply installation
- Application: commercial, residential and industrial environments;
- can be used as backlighting in decoration and advertisement



Installation:

- Select & Clean desired place, then stick on by double side adhesive tape
- Connect clear wire w/(+) stichker to positive

Electrical-optical characteristics: (Ta=25) (Test Condition: IF=20mA)

Part Number	Chip			Forward Voltage(VF) Unit:V		Luminous Intensity (Iv) Unit:mcd		Viewing Angle 2θ1/2(deg)
	Emitted Color	Material	λp (nm)					
				Typ	Max	Min.	Typ.	
TLS-SMD-300UEC	Ultra Orange	AlGaInP	630	11.5	12.5	500	700	100
TLS-SMD-300UYC	Ultra Yellow	AlGaInP	590	11.5	12.5	400	600	
TLS-SMD-300PGC	Ultra Pure Green	InGaN	525	11.5	12.5	700	1000	
TLS-SMD-300UBC	Ultra Blue	InGaN	470	11.5	12.5	400	700	
TLS-SMD-300UWC	Ultra White	InGaN	/	11.5	12.5	600	1200	
TLS-SMD-300RGB	Ultra Orange	AlGaInP	630	11.5	12.5	200	300	100
	Ultra Yellow	AlGaInP	590	11.5	12.5	150	200	
	Ultra Blue	InGaN	470	11.5	12.5	150	300	

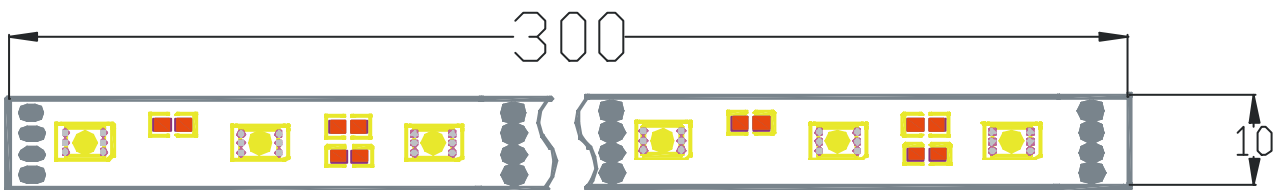
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■ Full set of LED strip picture



PCB OUTLINE AND DIMENSION



Notes:

- All dimensions are in millimeters (inches)
- Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
- Specifications are subject to change without notice.