

LED STRIP LIGHT, Through-hole , MONO COLOR

TLS-R5-200

Features:

- LED strip light, Mono color, 5mm LEDs
- Ultra brightness available
- 5mm LED lamps
- LED color: Red, Green, Blue, Yellow, white
- LED service life: 50,000-100,000hrs
- Power supply: INPUT: 120VAC 60 Hz ; OUTPUT: 12VDC 500mA
- Application: commercial, residential and industrial environments;
- can be used as backlighting in decoration and advertisement; can be used in illumination devices



■ **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-R5-200UEC	Ultra Orange	AlGaInP	630	11.5	12.5	260	600	90
TLS-R5-200UYC	Ultra Yellow	AlGaInP	590	11.5	12.5	260	500	
TLS-R5-200UGC	Ultra Green	AlGaInP	574	11.5	12.5	120	250	
TLS-R5-200PGC	Ultra Pure Green	InGaN	525	11.5	12.5	800	2000	
TLS-R5-200BGC	Ultra Bluish Green	InGaN	505	11.5	12.5	700	1800	
TLS-R5-200UBC	Ultra Blue	InGaN	470	11.5	12.5	650	1800	
TLS-R5-200UWC	Ultra White	InGaN	/	11.5	12.5	1000	2500	

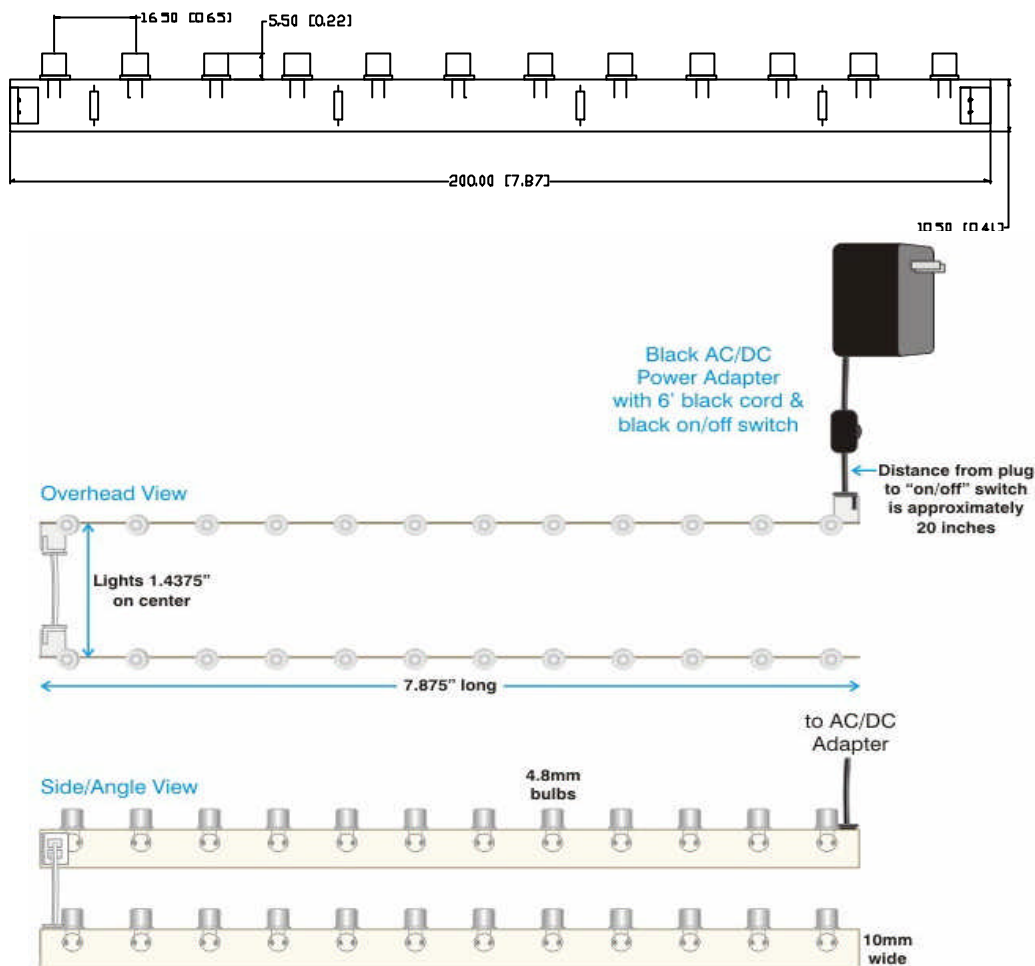
■ **Full set of LED strip picture**



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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.