Prewired 5mm LED (6 different colors)



- P/N: WLED5C12BLU
- P/N: WLED5C12RED
- P/N: WLED5C12WHI
- P/N: WLED5C12GRE
- P/N: WLED5C12WAW
- P/N: WLED5C12YEL

FEATURES

- 7.9" long Prewired 5mm 12V LED
- 6 Colors: Blue, Red, White, Green and Warm White, Yellow
- Transparent clear round lens
- Highly Reliable

	LED Chip	Colloid
Material	InGaAIP	Ероху
LED Color	Blue, Green, White, Yellow,	Clear / Transparent
	Warm White and Red	

Note: All the LEDs are Clear/Transparent body before power on. So, before power on, no matter which color, all look the same (all are clear/transparent)

Picture	Lens Size	Lens Type	Cold	or	Luminous Intensity	Forward Voltage	Forward Current	Viewing Angle
	5mm	Clear Lens	White	6000K-9000K	12000-14000 mcd	12V	20mA	30°
	5mm	Clear Lens	Red	620-625nm	$2000-3000 \mathrm{mcd}$	12V	20mA	30°
	5mm	Clear Lens	Green	515-520nm	15000-18000mcd	12V	20mA	30°
	5mm	Clear Lens	Blue	455-465nm	$7000-8000 \mathrm{mcd}$	12V	20mA	30°
	5mm	Clear Lens	Yellow	588-592nm	$1500-2000 \mathrm{mcd}$	12V	20mA	30°
	5mm	Clear Lens	Warm-White	3000K	14000-16000mcd	12V	20mA	30°

The prewired LED can also be used with 3V-12V, for different brightness purpose.



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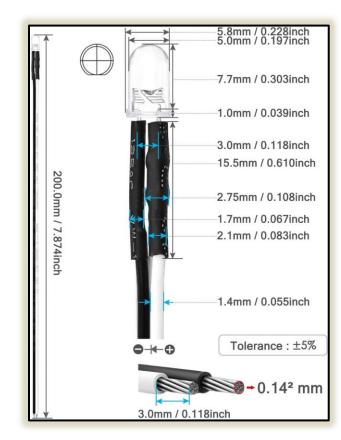
Applications go to DIY Lighting projects, science circuit experiments, signal emitting indicator, electronics hobby, Christmas light decorations, and luminous toy and cards, etc.

SPECIFICATION AND ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

Voltage	12 Volts		
LED lens shape	Round		
LED Lens	Clear Lens		
Light Source Wattage	0.25 Watts		
Item Weight	7.8 ounces		
Lead Soldering Temperature /Time	240°C / ≤3S		
Operating Temperature	-25°C ~ + 85°C		
Storage Temperature	-30 ~ +100°C		
Viewing Angel	30 degrees		

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Dimension Specification, Shape and Cable Details

Cable Detail:

- 24awg Tin-Coated Pigtail, Length: 7.9inch / 20cm, 1/4W Metal film 1% Resistor Pre-Soldered, Leg Width: 0.5mm.
- Polarity: Anode "+" (Orange/Red/Blue/Green/White/Warm White Wire)
 Cathode "-" (Black Wire)

Note: 6 Colors in a Kit is also available at <u>www.Digikey.com</u>

Ordering P/N: WLED5K-6

Description: 6 colors Prewired 5mm LED design kit, 20pcs each color, Total=120pcs