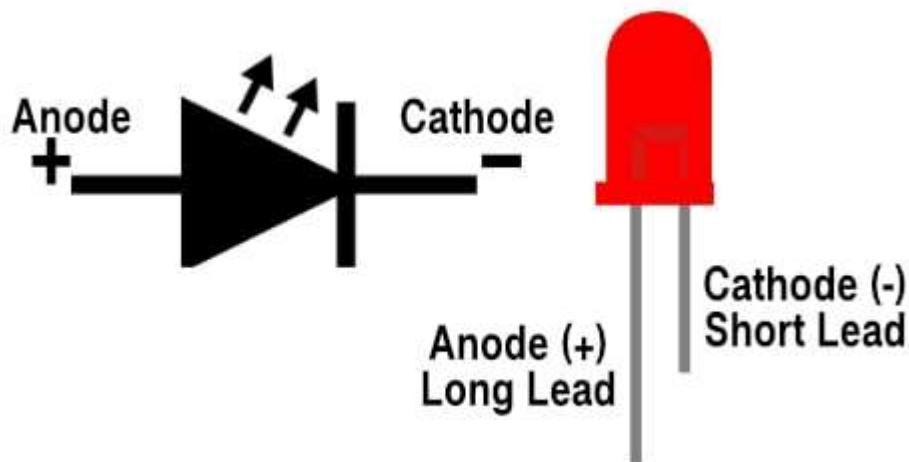







How To Identify LED Terminal Leads










An LED has a positive (Anode) lead and a negative (Cathode) lead. The schematic symbol of the LED is similar to the diode except for two arrows pointing outwards. The Anode (+) is marked with a triangle, and the Cathode (-) is marked with a line.

The longer lead of an LED is generally the positive (Anode), while the shorter lead is the negative (cathode).

3mm LED Specifications

3mm LED Model	LED Colour	Optical Qualities	Electrical Characteristics
PURC0283-01 	Super Bright Purple	Intensity: 160mcd Colour Freq: 390-400nm Viewing Angle: 18° Lens: Water Clear	Voltage: 3.3v-3.6v Typical: 3.4v Current: 18mA
PNKC0283-01 	Super Bright Pink	Intensity: 8,800 mcd Colour Freq: 660-665nm Viewing Angle: 18° Lens: Water Clear	Voltage: 3.2v-3.4v Typical: 3.2v Current: 18mA
WC0283-01 	Super Bright White	Intensity: 6,000mcd Colour Freq: 6000-6500 Viewing Angle: 28° Lens: Water Clear	Voltage: 2.6v-2.9v Typical: 2.8v Current: 18mA
WWC0283-02 	Super Bright Warm White	Intensity: 5,500mcd Colour Freq: 2800-3200 Viewing Angle: 28° Lens: Water Clear	Voltage: 2.5v-2.9v Typical: 2.7v Current: 18mA
BC0283-01 	Super Bright Blue	Intensity: 2,000mcd Colour Freq: 470-475nm Viewing Angle: 28° Lens: Water Clear	Voltage: 2.6v-2.8v Typical: 2.8v Current: 18mA

3mm LED Model	LED Colour	Optical Qualities	Electrical Characteristics
BF0993-02 	Bright Blue (Frosted Lens)	Intensity: 1,800mcd Colour Freq: 460-465nm Viewing Angle: Diffused Lens Lens: Frosted	Voltage: 2.9v-3.2v Typical: 3.1v Current: 18mA
GC0283-01 	Super Bright Green	Intensity: 3,500mcd Colour Freq: 520-570nm Viewing Angle: 28° Lens: Water Clear	Voltage: 2.4v-2.7v Typical: 2.6v Current: 18mA
GF0993-02 	Bright Green (Frosted Lens)	Intensity: 2,900mcd Colour Freq: 515-525nm Viewing Angle: Diffused Lens Lens: Frosted	Voltage: 2.2v-2.4v Typical: 2.3v Current: 18mA
YC0283-01 	Super Bright Yellow	Intensity: 4,500mcd Colour Freq: 580-590nm Viewing Angle: 18° Lens: Water Clear	Voltage: 1.8v-2.0v Typical: 1.9v Current: 18mA
YF0993-02 	Bright Yellow (Frosted Lens)	Intensity: 4,000mcd Colour Freq: 590-595nm Viewing Angle: Diffused Lens Lens: Frosted	Voltage: 1.9v-2.1v Typical: 2.0v Current: 18mA
RC0283-01 	Super Bright Red	Intensity: 4,500mcd Colour Freq: 620-628nm Viewing Angle: 18° Lens: Water Clear	Voltage: 1.6v-1.9v Typical: 1.8v Current: 18mA
RF0993-02 	Bright Red (Frosted Lens)	Intensity: 3,600mcd Colour Freq: 620-628nm Viewing Angle: Diffused Lens Lens: Frosted	Voltage: 1.9v-2.1v Typical: 2.0v Current: 18mA