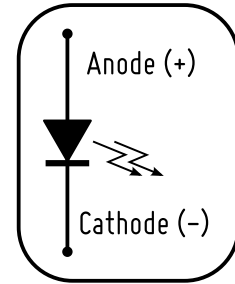
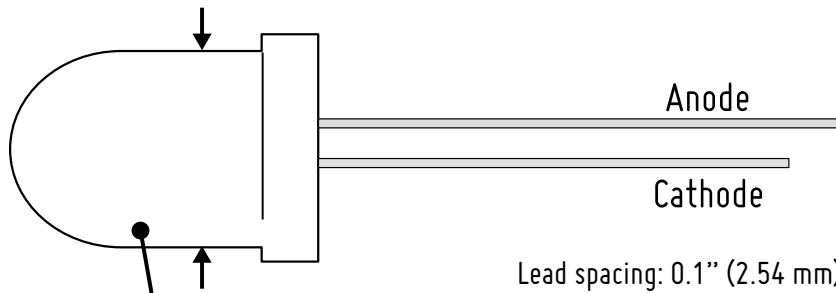


10 mm Ultrabright LEDs with Diffused Lenses



Evil Mad Science LLC
evilmadscience.com



Lead spacing: 0.1" (2.54 mm)

Cathode indicated by short lead

Milky-white diffused lens, 10 mm in diameter where indicated by arrows

Type	Wavelength (Peak, nm)	Viewing angle	Forward Current (mA)		Forward Voltage (V _F)		Reverse Voltage (V _R)	Luminous Intensity (mCd)**		Manufacturer, & Manf. P/N
			Cont.	Peak*	Typical	Max		Min	Typical	
Red	660	50°	25	150	1.9	2.2	5	300	500	Betlux BL-L101URW
Orange	630	50°	30	100	2.1	2.5	5	500	900	Betlux BL-L101UEW
Yellow	590	50°	30	150	2.1	2.5	5	300	700	Betlux BL-L101UYW
Green	525	50°	30	150	3.8	4.5	5	500	2,500	Betlux BL-L101PGW
Blue	470	50°	30	100	2.7	4.2	5	450	1,000	Betlux BL-L101UBW
White	N/A	50°	30	100	2.7	4.2	5	2000	5000	Betlux BL-L101UWW
Warm White	N/A	50°	30	100	2.7	4.2	5	1500	4000	Betlux BL-L101UW2W

* Peak current is with limited duty cycle: 100 μs @ 1 kHz

** Note that luminous intensity accounts for both human eye response and viewing angle