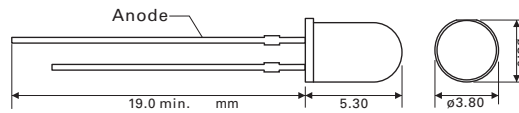


Standard LED assortment

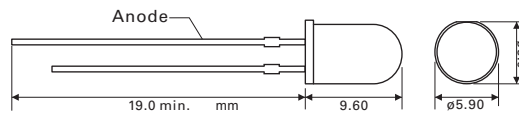


ø 3 mm LED Diode



Item number	1802O019	1802O020	1802O021	1802O022	1802O023	1802O031	1802O032	1802O033
Light Source	Red	Blue	Green	Yellow	Warm White	Natural White	Cold White	Super Cold White
Lens color	Diffuse	Diffuse	Diffuse	Diffuse	Water clear	Water clear	Water clear	Water clear
Chip material	Gap	InGaAIP	InGaAIP	Gap	InGaAIP	InGaAIP	InGaAIP	InGaAIP
Wavelength / color temperature	625-635nm	460-465nm	568-572nm	587-590nm	2500-2700K	4000-4500K	6000-6500K	8000-9000K
Max. Luminous intensity	600 mcd	1500 mcd	100 mcd	600 mcd	9000 mcd	9000 mcd	8000 mcd	9000 mcd
Viewing angle (typ.)	30°	30°	30°	30°	25°	25°	30°	30°
Forward current (max.)	20 mA	20 mA	20 mA	20 mA	20 mA	20 mA	20 mA	20 mA
Forward voltage (typ.)	2.0 V	3.0 V	2.0 V	2.0 V	3.0 V	3.0 V	3.0 V	3.0 V
Operating temperature	-25°C - 80°C							
Storage temperature	-30°C - 100°C							

ø 5 mm LED Diode



Item number	1802O024	1802O025	1802O026	1802O027	1802O028	1802O034	1802O035	1802O036
Light Source	Red	Blue	Green	Yellow	Warm White	Natural White	Cold White	Super Cold White
Lens color	Diffuse	Diffuse	Diffuse	Diffuse	Water clear	Water clear	Water clear	Water clear
Chip material	Gap	InGaAIP	InGaAIP	Gap	InGaAIP	InGaAIP	InGaAIP	InGaAIP
Wavelength / color temperature	620-625nm	460-470nm	568-572nm	587-590nm	2500-2700K	4000-4500K	6000-6500K	8000-9000K
Max. Luminous intensity	800 mcd	2000 mcd	120 mcd	800 mcd	20000 mcd	10000 mcd	14000 mcd	14000 mcd
Viewing angle (typ.)	35°	35°	35°	35°	30°	30°	35°	35°
Forward current (max.)	20 mA	30 mA	20 mA	30 mA	20 mA	20 mA	20 mA	20 mA
Forward voltage (typ.)	2.0 V	3.0 V	3.0 V	2.0 V	3.0 V	3.0 V	3.0 V	3.0 V
Operating temperature	-25°C - 80°C							
Storage temperature	-30°C - 100°C							