


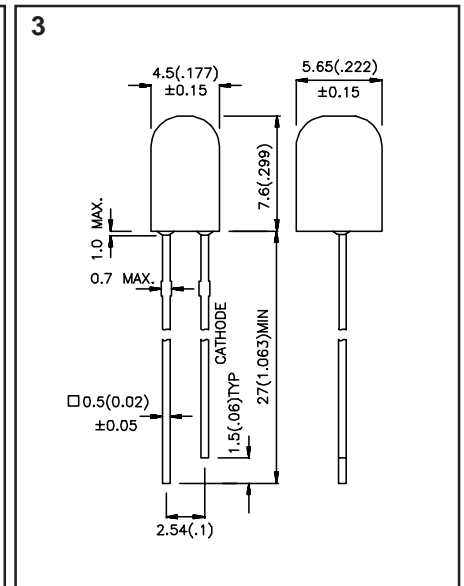
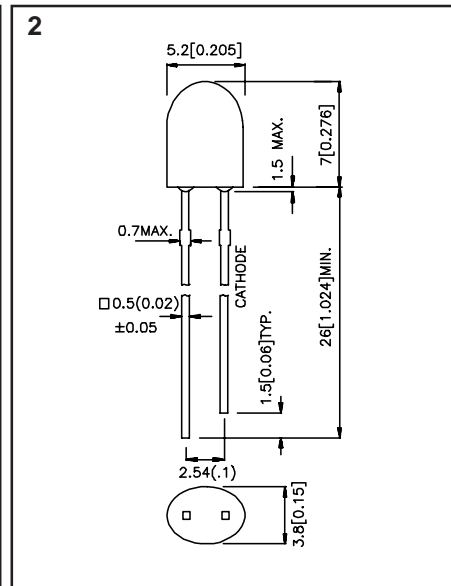
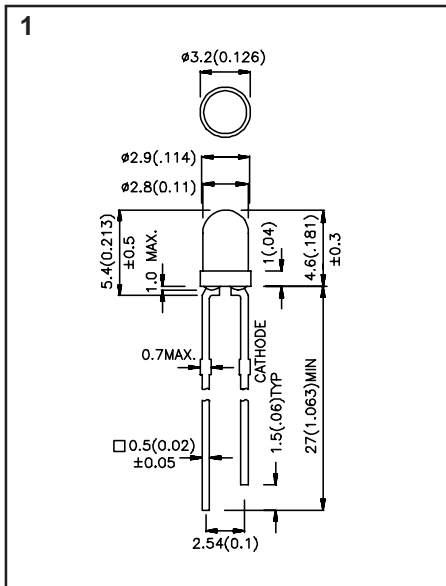


# Super Bright LED Lamps

Shape	Part No.	Material (Emitted Color)	Lens	Peak Wave Length (nm)	Electrical/Optical Data				Viewing Angle 2 $\theta$ 1/2	Figure No.
					Vf (V) If=20mA		Iv (mcd) If=20mA			
					Typ.	Max.	Min.	Typ.		
	XLMR11DD	GaAlAs(Red)	Red Diffused	660	1.85	2.5	100	140	40°	1
	XLMR11DE	GaAlAs(Red)	Red Diffused	660	1.85	2.5	200	240	40°	
	XLMR11DF	GaAlAs(Red)	Red Diffused	660	1.85	2.5	300	340	40°	
	XLMR11DG	GaAlAs(Red)	Red Diffused	660	1.85	2.5	400	490	40°	
	XLMR11DH	GaAlAs(Red)	Red Diffused	660	1.85	2.5	600	890	40°	
	XLMR11DJ	GaAlAs(Red)	Red Diffused	660	1.85	2.5	1000	1190	40°	
	XLMR11WD	GaAlAs(Red)	Water Clear	660	1.85	2.5	500	590	34°	
	XLMR11WE	GaAlAs(Red)	Water Clear	660	1.85	2.5	700	890	34°	
	XLMR11WF	GaAlAs(Red)	Water Clear	660	1.85	2.5	1000	1090	34°	
	XLMD11WE	InGaAlP(Red)	Water Clear	640	1.9	2.5	1000	1290	34°	
	XLME11W	InGaAlP(Red)	Water Clear	630	2.0	2.5	1000	1990	34°	
	XLMR11WG	GaAlAs(Red)	Water Clear	660	1.85	2.5	1200	1290	34°	
	XLMR11WH	GaAlAs(Red)	Water Clear	660	1.85	2.5	1400	1690	34°	
	XLMR11WJ	GaAlAs(Red)	Water Clear	660	1.85	2.5	1800	2290	34°	
	XLZE11W	InGaAlP(Red)	Water Clear	640	2.2	2.8	2000	3490	34°	
	XLMO11D	InGaAlP(Orange)	Orange Diffused	610	2.0	2.5	300	790	40°	
	XLMO11C	InGaAlP(Orange)	Orange Transparent	610	2.0	2.5	500	1290	34°	
	XLMO11W	InGaAlP(Orange)	Water Clear	610	2.0	2.5	500	1290	34°	
	XLMG11D	GaP(Green)	Green Diffused	565	2.2	2.5	20	30	40°	
	XLMG11W	GaP(Green)	Water Clear	565	2.2	2.5	80	140	34°	
	XLSG11W	InGaAlP(Green)	Water Clear	574	2.1	2.5	200	690	34°	
	XLBG11WE	InGaN(Green)	Water Clear	518	4.0	4.5	1500	1990	34°	
	XLBG11WH	InGaN(Green)	Water Clear	520	3.7	4.1	6700	10995	34°	
	XLAG11W	InGaN(Green)	Water Clear	500	3.6	4.4	500	899	34°	
XLMY11D	InGaAlP(Yellow)	Yellow Diffused	590	2.0	2.5	100	240	40°		
XLMY11W	InGaAlP(Yellow)	Water Clear	590	2.0	2.5	300	690	34°		
XLMY11C	InGaAlP(Yellow)	Yellow Transparent	590	2.0	2.5	300	690	34°		
XLZY11W	InGaAlP(Yellow)	Water Clear	590	2.3	2.8	480	890	34°		

	XLZE20DLS DLCR	InGaAlP(Red)	Red Semi Diffused	640	2.2	2.8	1800	2690	100°(H)50°(V)	2
	XLMO20DLS DLCR	InGaAlP(Orange)	Orange Semi Diffused	610	2.0	2.5	480	995	100°(H)50°(V)	
	XLBG20DLS DLCR	InGaN(Green)	Green Semi Diffused	520	4.0	4.5	280	475	100°(H)50°(V)	
	XLZY20DLS DLCR	InGaAlP(Yellow)	Yellow Semi Diffused	590	2.3	2.8	380	748	100°(H)50°(V)	
	XLZE20WLCR	InGaAlP(Red)	Water Clear	640	2.2	2.8	2500	3495	70°(H)30°(V)	
	XLMO20WLCR	InGaAlP(Orange)	Water Clear	610	2.0	2.5	480	895	70°(H)30°(V)	
	XLBG20WLCR	InGaN(Green)	Water Clear	520	4.0	4.5	380	749	70°(H)30°(V)	
	XLZY20WLCR	InGaAlP(Yellow)	Water Clear	590	2.3	2.8	650	1095	70°(H)30°(V)	

	XLMD08WE	InGaAlP(Red)	Water Clear	640	1.9	2.5	400	795	30°(H)60°(V)	3
	XLME08W	InGaAlP(Red)	Water Clear	630	2.0	2.5	600	990	30°(H)60°(V)	
	XLZE08W	InGaAlP(Red)	Water Clear	640	2.2	2.8	2800	4490	30°(H)60°(V)	
	XLMO08W	InGaAlP(Orange)	Water Clear	610	2.0	2.5	650	1195	30°(H)60°(V)	
	XLSG08W	InGaAlP(Green)	Water Clear	574	2.1	2.5	280	395	30°(H)60°(V)	
	XLBG08W	InGaN(Green)	Water Clear	520	4.0	4.5	380	645	30°(H)60°(V)	
	XLAG08W	InGaN(Green)	Water Clear	500	3.6	4.4	500	995	30°(H)60°(V)	
	XLMY08W	InGaAlP(Yellow)	Water Clear	590	2.0	2.5	300	445	30°(H)60°(V)	
	XLZY08W	InGaAlP(Yellow)	Water Clear	590	2.3	2.8	650	1490	30°(H)60°(V)	



Dimension Unit : mm(inches), Tolerance :  $\pm 0.25$ mm (0.01")

We reserve the right to make changes at any time to enhance the design and / or performance of the product.