

Super Bright LED Lamps

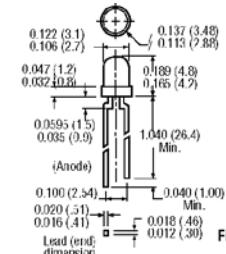


Fig. 2

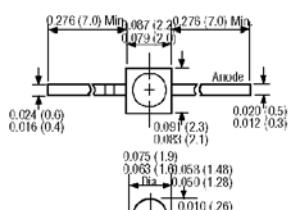


Fig. 1

Fig. 5

Fig. 6

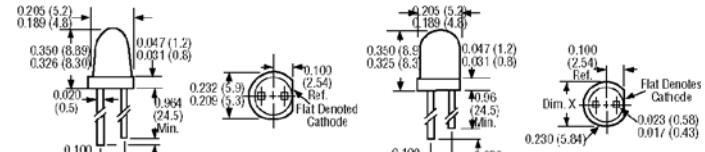


Fig. 3



Fig. 4



Fig. 7

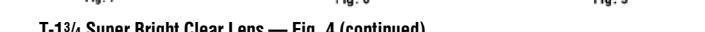


Fig. 8

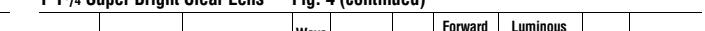


Fig. 9

T-100 Super Bright Clear Lens — Fig. 1

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Stock No.	Mfr.'s Type	Source Color	Wave Lgh. λ_p (nm)	Lens Color	Typ. Vwng. Angle	Forward Voltage V_f (V)	Luminous Intensity I_v (mcd)	Notes*	EACH			
									Typ.	Max.	Min.	
990-3242	MV7042	AlInGaP Red	645	Water Clr.	60°	2.10	2.80	100.0	150	1	.30	.24
990-3244	MV7043	AlInGaP Red	645	Water Clr.	60°	2.10	2.80	160.0	240	1	.33	.26
990-3246	MV7044	AlInGaP Red	645	Water Clr.	60°	2.10	2.80	250.0	375	1	.35	.28
990-3248	MV7342	AlInGaP Yell.	590	Water Clr.	60°	2.10	2.80	100.0	150	1	.30	.24
990-3250	MV7343	AlInGaP Yell.	590	Water Clr.	60°	2.10	2.80	160.0	240	1	.33	.26
990-3252	MV7344	AlInGaP Yell. Grn.	590	Water Clr.	60°	2.10	2.80	250.0	375	1	.35	.28
990-3254	MV7441	Grn.	570	Water Clr.	60°	2.10	2.80	100.0	150	1	.23	.18
990-3256	MV7442	Grn.	570	Water Clr.	60°	2.00	2.80	160.0	240	1	.25	.20
990-3258	MV7742	AlInGaP Orgn.	620	Water Clr.	60°	2.10	2.80	100.0	150	1	.30	.24
990-3260	MV7743	AlInGaP Orgn.	620	Water Clr.	60°	2.10	2.80	160.0	240	1	.33	.26
990-3262	MV7744	AlInGaP Orgn.	620	Water Clr.	60°	2.10	2.80	250.0	375	1	.35	.28
990-3264	MV7744	AlInGaP Orgn. Red	630	Water Clr.	60°	2.10	2.80	100.0	150	1	.30	.24
990-3266	MV7843	AlInGaP Orgn. Red	630	Water Clr.	60°	2.10	2.80	160.0	240	1	.33	.26
990-3146	MV7844	AlInGaP Orgn. Red	630	Water Clr.	60°	2.10	2.80	250.0	375	1	.35	.28
990-3148	MV7844	GaN/SiC Blue	430	Water Clr.	35°	3.80	5.50	200.0	350	1	.25	.20
990-3149	MV7844	GaN/SiC Blue	430	Water Clr.	45°	3.80	5.50	80.0	120	1	.27	.22
990-3150	MV8190	AlGaAs Red	660	Red Diff.	40°	1.70	2.40	63.0	100	1	.28	.22
990-3152	MV8191	AlGaAs Red	660	Red Diff.	40°	1.70	2.40	100.0	200	1	.33	.26

T-13/4 Super Bright Diff. Lens — Fig. 2

990-3310	MV8190	AlGaAs Red	660	Red Diff.	40°	1.70	2.40	63.0	100	1	.28	.22
990-3312	MV8191	AlGaAs Red	660	Red Diff.	40°	1.70	2.40	100.0	200	1	.33	.26

T-13/4 Super Bright Tapered Clear Lens — Fig. 3

Stock No.	Mfr.'s Type	Source Color	Wave Lgh. λ_p (nm)	Lens Color	Typ. Vwng. Angle	Forward Voltage V_f (V)	Luminous Intensity I_v (mcd)	Notes*	EACH			
									Typ.	Max.	Min.	Typ.
990-3348	MV8173	AlInGaP Orgn.	620	Water Clr.	12°	2.10	2.80	630.0	940	1	.60	.48
990-3350	MV8174	AlInGaP Orgn.	620	Water Clr.	12°	2.10	2.80	1000.0	1500	1	.65	.52
990-3352	MV8175	AlInGaP Orgn.	620	Water Clr.	12°	2.10	2.80	1600.0	2400	1	.43	.35
990-3354	MV8176	AlInGaP Orgn.	620	Water Clr.	12°	2.10	2.80	2500.0	3500	1	.75	.60
990-3396	MV8111	AlGaAs Red	660	Water Clr.	12°	1.70	2.40	250.0	370	1	.28	.22
990-3398	MV8112	AlGaAs Red	660	Water Clr.	12°	1.70	2.40	630.0	950	1	.30	.24
990-3300	MV8113	AlGaAs Red	660	Water Clr.	12°	1.70	2.40	1000.0	1500	1	.45	.36
990-3302	MV8114	AlGaAs Red	660	Water Clr.	12°	1.70	2.40	1600.0	2400	1	.60	.48
990-3320	MV8133	AlInGaP Yell.	590	Water Clr.	12°	2.10	2.80	630.0	940	1	.58	.46
990-3322	MV8134	AlInGaP Yell.	590	Water Clr.	12°	2.10	2.80	1000.0	1500	1	.65	.52
990-3324	MV8135	AlInGaP Yell.	590	Water Clr.	12°	2.10	2.80	1600.0	2400	1	.75	.60
990-3326	MV8136	AlInGaP Yell.	590	Water Clr.	12°	2.10	2.80	2500.0	3500	1	.80	.64
990-3334	MV8410	Grn.	565	Water Clr.	12°	2.10	2.80	160.0	240	1	.28	.22
990-3340	MV8412	Grn.	565	Water Clr.	12°	2.10	2.80	250.0	370	1	.33	.26
990-3370	MV8813	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	400.0	600	1	.38	.30
990-3372	MV8814	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	1000.0	1500	1	.40	.32
990-3374	MV8815	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	1600.0	2400	1	.45	.36
990-3376	MV8816	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	2500.0	3500	1	.50	.40
990-3378	MV8817	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	4000.0	6000	1	.52	.42
990-3380	MV8818	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	630.0	940	1	.35	.28
990-3382	MV8819	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	1000.0	1500	1	.40	.32
990-3384	MV8819	AlInGaP Orgn. Red	630	Water Clr.	12°	2.10	2.80	1600.0	2400	1	.45	.36
990-33												