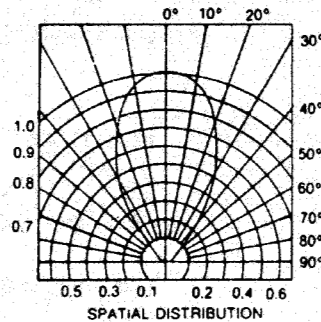
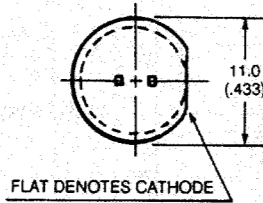
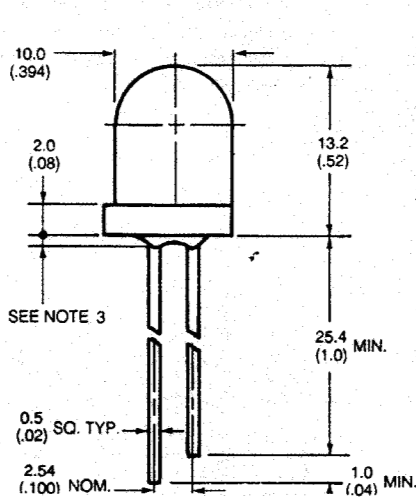


L-833XX series ... 10mm Dia LED LAMP

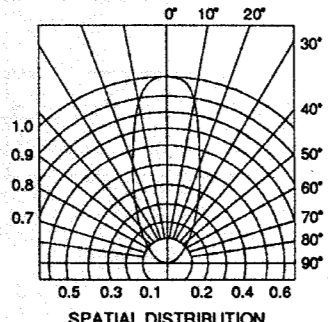
MAIN FEATURES :

- ⊙ 10mm DIA LED LAMP
- ⊙ STANDARD 1" LEAD
- ⊙ I.C. COMPATIBLE
- ⊙ LOW POWER CONSUMPTION

◆ PACKAGE DIMENSIONS



L-833XD



L-833XC&XT

Notes:

1. All Dimension are in millimeter.
2. Tolerance is $\pm 0.25\text{mm}(0.010")$ unless otherwise specified.
3. Protuded resin under flange is is 1.5mm(0.59") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specification are subject to change without notice.

◆ SELECTION GUIDE AND APPLICATION INFORMATION (RATINGS AT 25°C AMBIENT)

Part No.	Chip			Wave Length λ p(nm)	Absolute Maximum Ratings				Electro-Optical Characteristics						View Angle Angle (deg)
	Raw Material	Emitted Color	Lens Color		$\Delta \lambda$ nm	Pd mW	If mA	If (Peak)	Vf(V)			If (Rec)	Iv (mcd)		
									Min.	Typ.	Max.		Min.	Typ.	
L-833ED	GaAsP/GaP	Hi.effi Red	Red Diffused	635	45	100	30	160	1.7	2.0	2.8	10~20	8.0	20.0	60
L-833ED-E	GaAsP/GaP	Orange	Orange Dffused	635	45	100	30	160	1.7	2.0	2.8	10~20	8.0	20.0	60
L-833GD	GaP	Green	Green Diffused	565	30	100	30	160	1.7	2.1	2.8	10~20	5.0	15.0	60
L-833YD	GaAsP/GaP	Yellow	Yellow Diffused	585	30	100	30	160	1.7	2.1	2.8	10~20	5.0	15.0	60
L-833AD	GaAsP/GaP	Amber	Amber Diffused	585	30	100	30	160	1.7	2.1	2.8	10~20	5.0	15.0	60
L-833I D	GaAlAs	Hi.effi Red	Red Diffused	625	20	60	20	160	1.6	1.8	2.1	10~20	20.0	50.0	60
L-833SRD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	50.0	200	60
L-833LRD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	200	300	60
L-833URD	GaAlAs	Super Red	Red Diffused	660	20	60	20	160	1.6	1.8	2.1	10~20	300	500	60
L-833ET	GaAsP/GaP	Hi.effi Red	Red Transparent	635	45	100	30	160	1.7	2.0	2.8	10~20	20.0	50.0	40
L-833ET-E	GaAsP/GaP	Orange	Orange Transparent	635	45	100	30	160	1.7	2.0	2.8	10~20	20.0	50.0	40
L-833GT	GaP	Green	Green Transparent	565	30	100	30	160	1.7	2.1	2.8	10~20	10.0	20.0	40
L-833YT	GaAsP/GaP	Yellow	Yellow Transparent	585	30	100	30	160	1.7	2.1	2.8	10~20	10.0	20.0	40
L-833I T	GaAlAs	Hi.effi Red	Red Transparent	625	20	60	20	160	1.6	1.8	2.1	10~20	50.0	100	40
L-833SRT	GaAlAs	Super Red	Red Transparent	660	20	60	20	160	1.6	1.8	2.1	10~20	100	250	40
L-833LRT	GaAlAs	Super Red	Red Transparent	660	20	60	20	160	1.6	1.8	2.1	10~20	250	400	40
L-833URT	GaAlAs	Super Red	Red Transparent	660	20	60	20	160	1.6	1.8	2.1	10~20	400	600	40
L-833EC	GaAsP/GaP	Hi.effi Red	Water Clear	635	45	100	30	160	1.7	2.0	2.8	10~20	25.0	60.0	40
L-833GC	GaP	Green	Water Clear	565	30	100	30	160	1.7	2.1	2.8	10~20	10.0	30.0	40
L-833YC	GaAsP/GaP	Yellow	Water Clear	585	30	100	30	160	1.7	2.1	2.8	10~20	10.0	30.0	40
L-833I C	GaAlAs	Hi.effi Red	Water Clear	625	20	60	20	160	1.6	1.8	2.1	10~20	60.0	300	40
L-833SRC	GaAlAs	Super Red	Water Clear	660	20	60	20	160	1.6	1.8	2.1	10~20	300	1000	40
L-833LRC	GaAlAs	Super Red	Water Clear	660	20	60	20	160	1.6	1.8	2.1	10~20	1000	2000	40
L-833URC	GaAlAs	Super Red	Water Clear	660	20	60	20	160	1.6	1.8	2.1	10~20	2000	3000	40