

STANDARD LED LAMPS(ROUND TYPES)

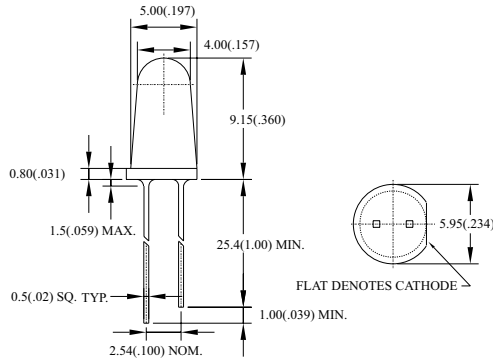
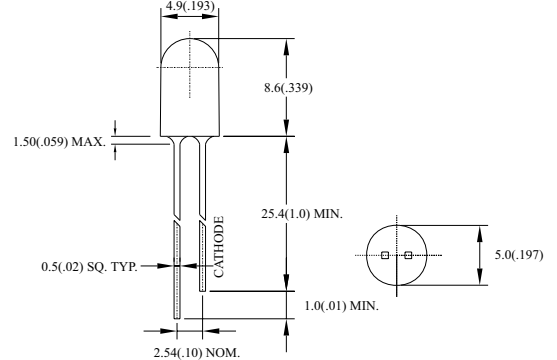
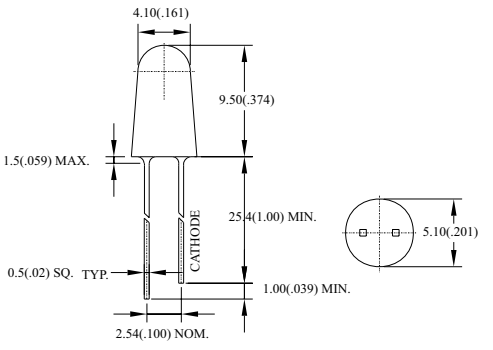
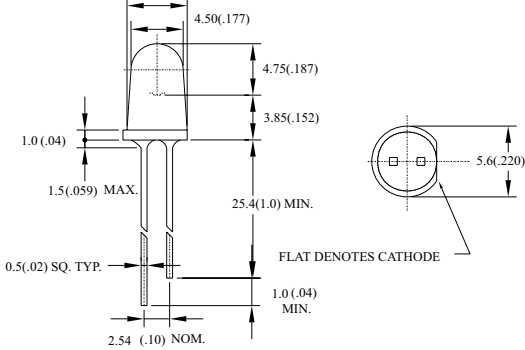
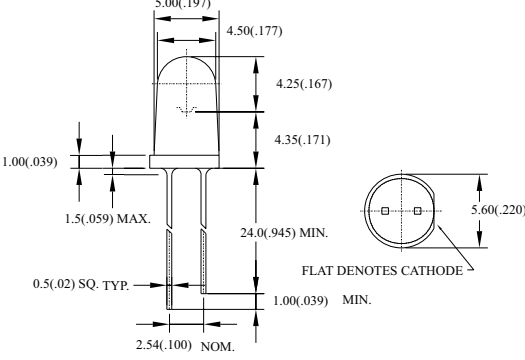
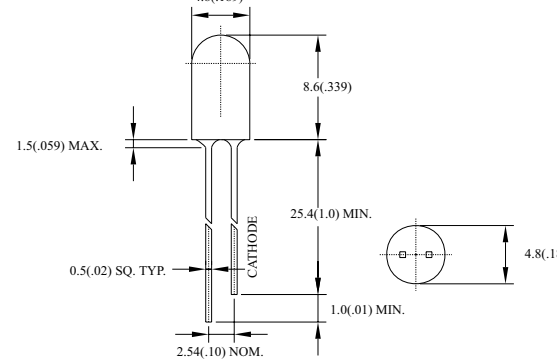
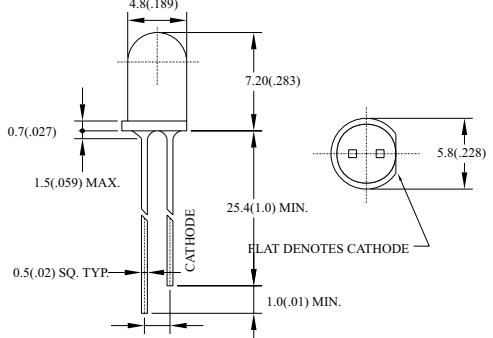
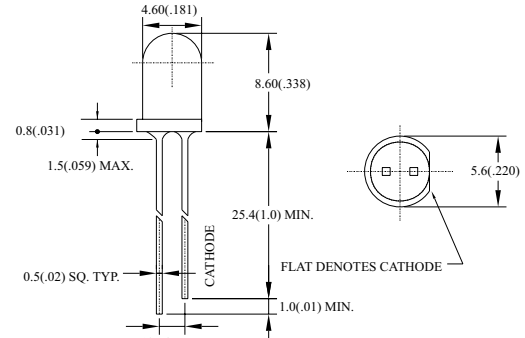
Package	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2 θ 1/2 (deg)	Drawing No.		
		Material/ Emitted Color	Peak Wave Length λ p (nm)		Δ λ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf (V)		Iv (mcd)				
									Typ	Max	Typ.				
T1 3/4 Narrow Viewing Angle 1.0" Lead 5.2 ϕ	BL-B1137B	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	3.0	40	L-049		
	BL-B5137B	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	7.0				
	BL-B4537B	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	90.0				
	BL-B2137B	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	90.0				
	BL-B3137B	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	80.0				
	BL-B4137B	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	90.0				
	BL-B9137B	GaP/GaP / Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	2.0				
T1 3/4 Flangeless 1.0" Lead 5.0 ϕ	BL-B4537D	GaAsP/GaP / Hi-Eff Red	635	Red Diffused	45	80	30	150	2.0	2.6	90.0	35	L-050		
	BL-B2137D	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	90.0				
	BL-B3137D	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	80.0				
	BL-B4537D	GaAsP/GaP/ Hi-Eff Red	635	Orange Diffused	45	80	30	150	2.0	2.6	90.0				
	BL-B3337D	GaAsP/GaP/ Yellow	585	Water Clear	35	80	30	150	2.1	2.6	150.0	20			
	BL-B2337D	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	180.0				
	BL-B4337D	GaAsP/GaP/ Orange	635		45	80	30	150	2.0	2.6	180.0				
T1 3/4 Flangeless 1.0" Lead 5.2 ϕ	BL-B1137E	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	3.0	35	L-051		
	BL-B5137E	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	5.0				
	BL-B4537E	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	50.0				
	BL-B2137E	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	50.0				
	BL-B3137E	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	45.0				
	BL-B4137E	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	50.0	15			
	BL-B9137E	GaP/GaP / Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	15.0				
T1 3/4 Narrow Viewing Angle 1.0" Lead 5.0 ϕ	BL-B4537M	GaAsP/GaP/ Hi-Eff Red	635	Red Diffused	45	80	30	150	2.0	2.6	90.0	30	L-052		
	BL-B2137M	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	90.0				
	BL-B3137M	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	80.0				
	BL-B4137M	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	90.0				
	BL-B3337M	GaAsP/GaP/ Yellow	585	Water Clear	35	80	30	150	2.1	2.6	150.0	8			
	BL-B2337M	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	180.0				
	BL-B4337M	GaAsP/GaP/ Orange	635		45	80	30	150	2.0	2.6	180.0				
T1 3/4 1.0" Lead 5.0 ϕ	BL-B1137M-1	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	3.0	45	L-053		
	BL-B5137M-1	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	5.0				
	BL-B4537M-1	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	50.0				
	BL-B2137M-1	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	50.0				
	BL-B3137M-1	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	45.0				
	BL-B2337M-1	GaP/GaP/ Green	568	Water Clear	30	80	30	150	2.2	2.6	150.0	20			
	BL-B4337M-1	GaAsP/GaP/ Orange	635		45	80	30	150	2.0	2.6	150.0				
T1 3/4 Flangeless 1.0" Lead 4.8 ϕ	BL-B4537N	GaAsP/GaP/ Hi-Eff Red	635	Red Diffused	45	80	30	150	2.0	2.6	65.0	45	L-054		
	BL-B2137N	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	65.0				
	BL-B3137N	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	55.0				
	BL-B4137N	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	65.0				
	BL-B2337N	GaP/GaP/ Green	568	Water Clear	30	80	30	150	2.2	2.6	100.0	20			
	BL-B3337N	GaAsP/GaP/ Yellow	585		35	80	30	150	2.1	2.6	80.0				
	BL-B4637N	GaAsP/GaP/ Hi-Eff Red	635	Red Trans	45	80	30	150	2.0	2.6	100.0			40	L-055
	BL-B1138	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	3.0				
BL-B5138	GaP/GaP/ Bright Red	700	90		40	15	50	2.2	2.6	5.0					
BL-B4538	GaAsP/GaP/ Hi-Eff Red	635	45		80	30	150	2.0	2.6	60.0					
BL-B2138	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	60.0					
BL-B3138	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	55.0					
BL-B2438	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.0	2.6	90.0	35	L-056			
BL-B5138A	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	6.0					
BL-B4538A	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	70.0					
BL-B2138A	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	70.0					
BL-B3138A	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	60.0					
BL-B2438A	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.0	2.6	100.0			20		

Remark : 1.Hi-Eff Red / High-Efficiency Red.

2. Trans / Transparent.

3. 2 θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity.

STANDARD LED LAMPS(ROUND TYPES)

<p>L-049 BL-Bxx37B Series</p> 	<p>L-050 BL-Bxx37D Series</p> 
<p>L-051 BL-Bxx37E Series</p> 	<p>L-052 BL-Bxx37M Series</p> 
<p>L-053 BL-Bxx37M-1 Series</p> 	<p>L-054 BL-Bxx37N Series</p> 
<p>L-055 BL-Bxx38 Series</p> 	<p>L-056 BL-Bxx38A Series</p> 

Notes : 1.All Dimensions are in millimeters (inches).
2.Tolerance is $\pm 0.25\text{mm}$ (.010").