



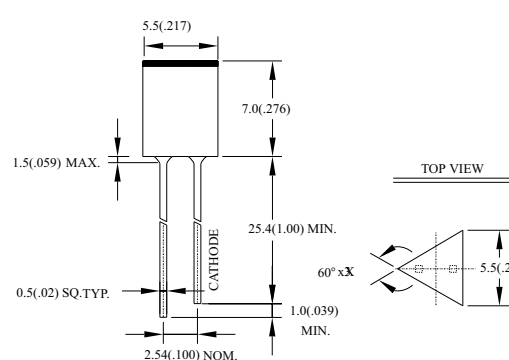
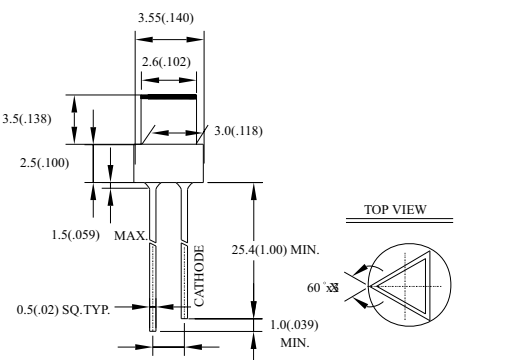
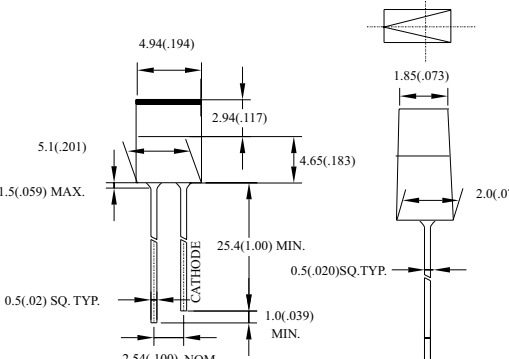
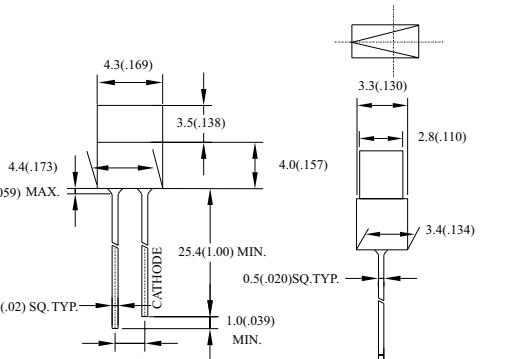
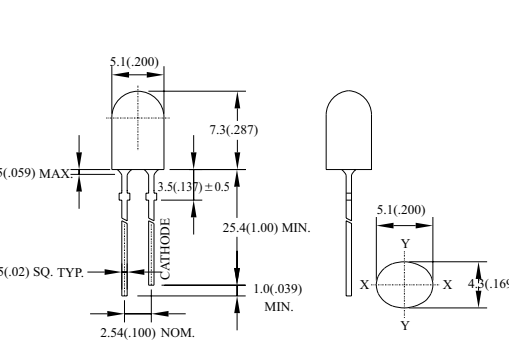
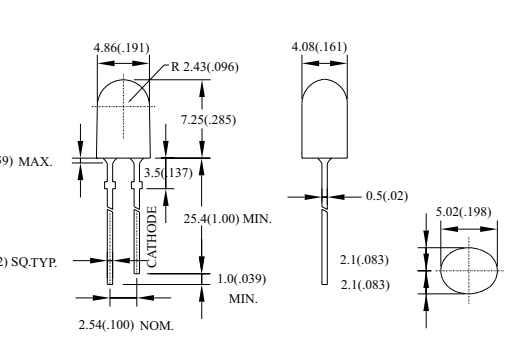
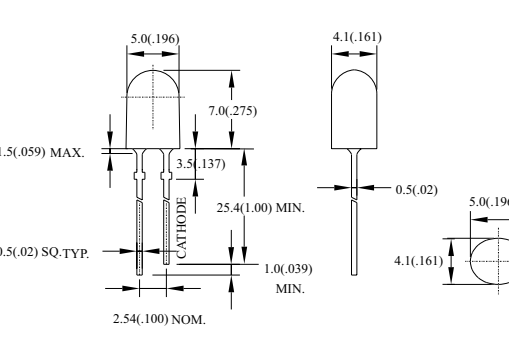
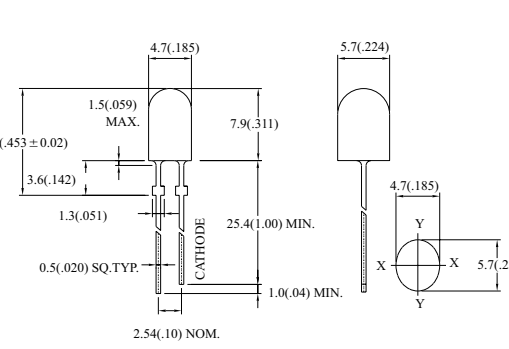
STANDARD LED LAMPS (TRIANGULAR & OVAL TYPES)

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.		
5.5x5.5x 7.0mm 1.0" Lead Triangular	BL-T1131-T	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	120	L-129
	BL-T5131-T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-T4531-T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	9.0		
	BL-T2131-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-TX1131-T	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	12.0		
	BL-T3131-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
	BL-T4131-T	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	9.0		
2.6x2.6x 3.5mm 1.0" Lead Triangular	BL-T1132-T	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	100	L-130
	BL-T5132-T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.6		
	BL-T4532-T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	8.0		
	BL-T2132-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	8.0		
	BL-TX1132-T	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	11.0		
	BL-T3132-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	7.0		
	BL-T4132-T	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	8.0		
2.0x5.1x 7.7mm 1.0" Lead Triangular	BL-T1133-T	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	1.2	100	L-131
	BL-T5133-T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	2.4		
	BL-T4533-T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	9.0		
	BL-T2133-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	9.0		
	BL-TX1133-T	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	12.0		
	BL-T3133-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
	BL-T4133-T	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	9.0		
2.8x4.3x 3.5mm 1.0" Lead Triangular	BL-T1134	GaAsP/ GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	100	L-132
	BL-T5134	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-T4534	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	6.0		
	BL-T2134	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	6.0		
	BL-TX1134	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	9.0		
	BL-T3134	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	5.0		
	BL-T4134	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	6.0		
4.3x5.1x 7.3mm 1.0" Lead Oval	BL-W1334-S	GaAsP/ GaAs/ Red	655	Water Clear	40	80	40	200	1.7	2.0	30.0	X-X 35.0	L-133
	BL-W5334-S	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	35.0		
	BL-W4334-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0	Y-Y 20.0	
	BL-W2334-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0		
	BL-WX1334-S	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	155.0		
	BL-W3334-S	GaAsP/GaP/ Yellow	585		35	80	30	150	2.1	2.6	130.0		
	BL-W4434-S	GaAsP/GaP/ Orange	635	Orange Trans	45	80	30	150	2.0	2.6	150.0		
4.1x5.0x 7.0mm 1.0" Lead Oval	BL-W1334A-S	GaAsP/ GaAs/ Red	655	Water Clear	40	80	40	200	1.7	2.0	30.0	X-X 40.0	L-134
	BL-W5334A-S	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	35.0		
	BL-W4334A-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0	Y-Y 25.0	
	BL-W2334A-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0		
	BL-WX1334A-S	GaP/GaP/ Hi-Eff Green	568		30	80	30	150	2.2	2.6	155.0		
	BL-W3334A-S	GaAsP/GaP/ Yellow	585		35	80	30	150	2.1	2.6	130.0		
	BL-W4434A-S	GaAsP/GaP/ Orange	635	Orange Trans	45	80	30	150	2.0	2.6	200.0		
4.1x5.0x 7.0mm 1.0" Lead Oval	BL-W1334A-1-S	GaAsP/ GaAs/ Red	655	Water Clear	40	80	40	200	1.7	2.0	30.0	X-X 45.0	L-135
	BL-W5334A-1-S	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	35.0		
	BL-W4334A-1-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0	Y-Y 30.0	
	BL-W2334A-1-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0		
	BL-W3334A-1-S	GaAsP/GaP/ Yellow	585		30	80	30	150	2.2	2.6	130.0		
	BL-W4434A-1-S	GaAsP/GaP/ Orange	635	Orange Trans	45	80	30	150	2.0	2.6	150.0		
5.7 x4.7x 7.9mm 1.0" Lead Oval	BL-W5334B-S	GaP/GaP/ Bright Red	700	Water Clear	90	40	15	50	2.2	2.6	35.0	X-X 60.0	L-136
	BL-W4334B-S	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	150.0		
	BL-W2334B-S	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	150.0	Y-Y 35.0	
	BL-W3334B-S	GaAsP/GaP/ Yellow	585		30	80	30	150	2.2	2.6	130.0		
	BL-W4434B-S	GaAsP/GaP/ Orange	635	Orange Trans	45	80	30	150	2.0	2.6	150.0		

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.

L-129 BL-Txx31-T Series  Dimensions (mm): 5.5(217), 7.0(276), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM., 5.5(217), 60° x X.	L-130 BL-Txx32-T Series  Dimensions (mm): 3.55(140), 2.6(102), 3.5(.138), 2.5(100), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM., 3.0(118), 3.5(.138), 2.5(100), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM.
L-131 BL-Txx33-T Series  Dimensions (mm): 4.94(194), 2.94(117), 5.1(201), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM., 4.65(183), 1.85(073), 2.0(079), 0.5(.020) SQ. TYP.	L-132 BL-Txx34 Series  Dimensions (mm): 4.3(169), 3.5(.138), 4.4(173), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM., 3.3(130), 2.8(110), 3.4(134), 4.0(157), 0.5(.020) SQ. TYP.
L-133 BL-Wxx34-S Series  Dimensions (mm): 5.1(200), 7.3(287), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM., 3.5(137) ± 0.5, 5.1(200), 4.3(169), 0.5(.02).	L-134 BL-Wxx34A-S Series  Dimensions (mm): 4.86(191), R 2.43(096), 4.08(161), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM., 3.5(137), 0.5(.02), 2.1(083), 5.02(198), 2.1(083).
L-135 BL-Wxx34A-1-S Series  Dimensions (mm): 5.0(196), 7.0(275), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(100) NOM., 4.1(161), 5.0(196), 4.1(161), 0.5(.02).	L-136 BL-Wxx34B-S Series  Dimensions (mm): 4.7(185), 5.7(224), 1.5(.059) MAX., 11.5 ± 0.5(453 ± 0.02), 3.6(142), 1.3(051), 0.5(.020) SQ. TYP., 25.4(1.00) MIN., 1.0(.04) MIN., 2.54(10) NOM., 4.7(185), 5.7(224), 4.7(185), 5.7(224), 0.5(.02), 1.0(.04) MIN., 2.54(10) NOM.

Notes : 1.All Dimensions are in millimeters (inches).
2.Tolerance is ± 0.25mm (.010").