



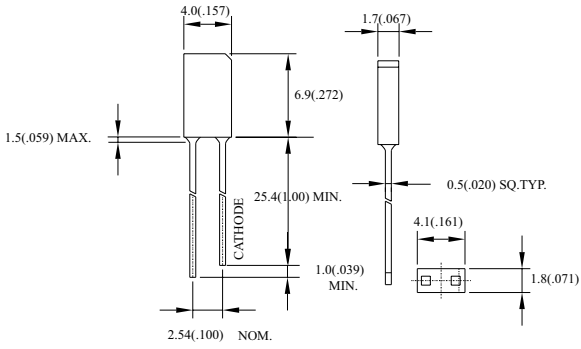
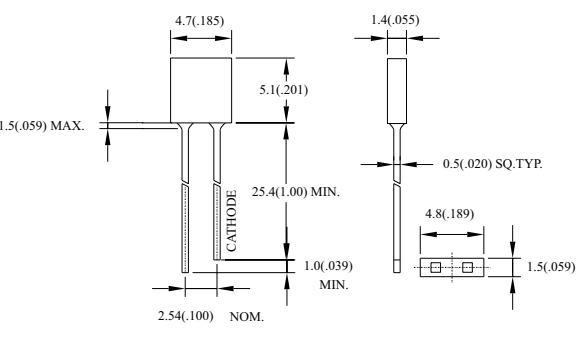
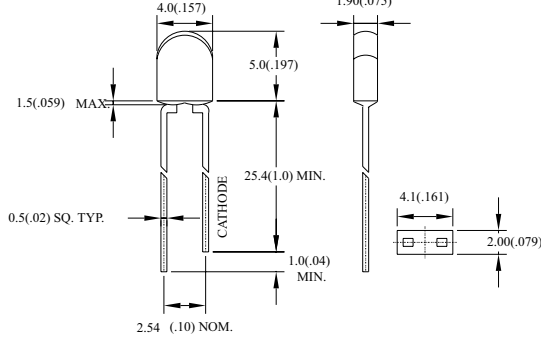
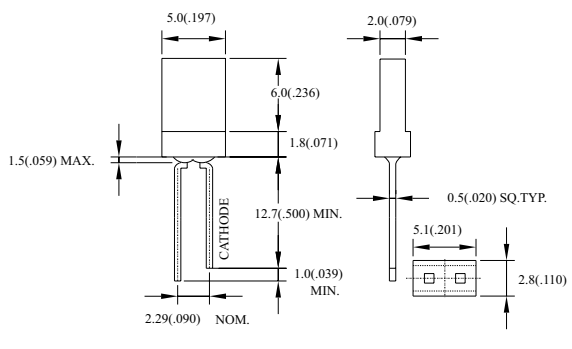
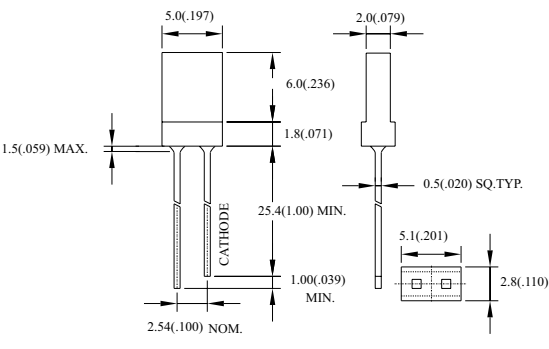
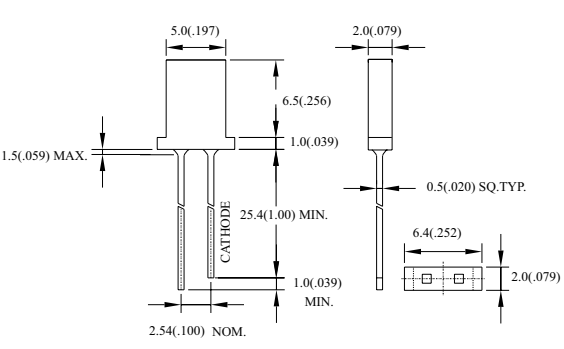
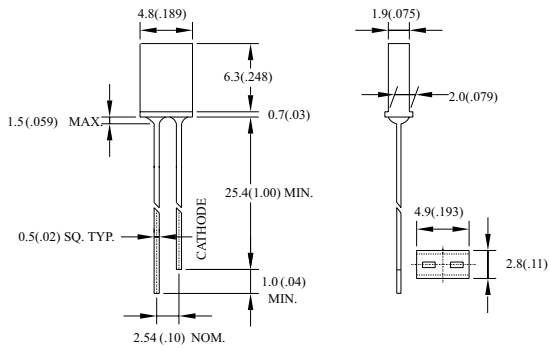
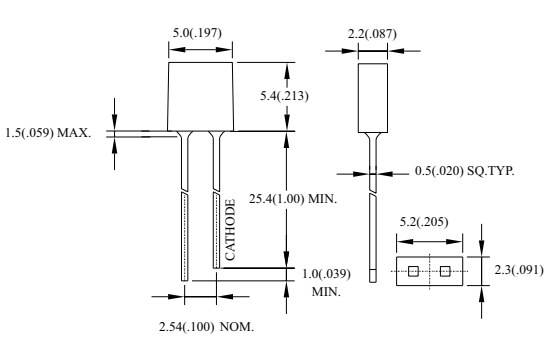
STANDARD LED LAMPS(RECTANGULAR TYPES)

Package	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2θ 1/2 (deg)	Drawing No.
		Material/ Emitted Color	Peak Wave Length λp (nm)		Δλ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf (V)		Iv (mcd)		
									Typ	Max	Typ.		
1.7x4.0x 6.9mm 1.0" Lead Rectangular	BL-R1141H	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	140	L-065
	BL-R5141H	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-R4541H	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	4.0		
	BL-R2141H	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	4.0		
	BL-R3141H	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	3.0		
	BL-R4141H	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	4.0		
BL-R9141H	GaP/GaP/ Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	0.5			
1.4x4.7x 5.1mm 1.0" Lead Rectangular	BL-R1131K	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.4	120	L-066
	BL-R5131K	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	0.6		
	BL-R4531K	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	2.0		
	BL-R2131K	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	2.0		
	BL-R3131K	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	1.5		
	BL-R4131K	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	2.0		
BL-R9131K	GaP/GaP/ Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	0.3			
2.0x4.0x 5.0mm 1.0" Lead Rectangular	BL-R1331T	GaAsP/GaAs/ Red	655	Water Clear	40	80	40	200	1.7	2.0	16.0	85	L-067
	BL-R5331T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	20.0		
	BL-R4331T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	50.0		
	BL-R2331T	GaP/GaP/ Green	568		30	80	30	150	2.2	2.6	50.0		
	BL-R3331T	GaAsP/GaP/ Yellow	585		35	80	30	150	2.1	2.6	45.0		
	BL-R8331T	GaAsP/GaP/ Amber	610		35	80	30	150	2.0	2.6	45.0		
BL-R9331T	GaP/GaP/ Pure Green	555	25	80	30	150	2.2	2.6	10.0				
2.0x5.0x 7.8mm 0.5" Lead Rectangular	BL-R1122	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.8	140	L-068
	BL-R5122	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	2.0		
	BL-R4522	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	3.0		
	BL-R2122	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	3.0		
	BL-R3122	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	2.5		
	BL-R4122	GaAsP/GaP/ Orange	635	Orange Diffused	25	80	30	150	2.0	2.6	3.0		
BL-R9122	GaP/GaP/ Pure Green	555	Green Diffused	30	80	30	150	2.2	2.6	0.6			
2.0x5.0x 7.8mm 1.0" Lead Rectangular	BL-R1132	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	2.0	120	L-069
	BL-R5132	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	6.0		
	BL-R4632	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	10.0		
	BL-R2132	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	10.0		
	BL-R3132	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	8.0		
	BL-R4132	GaAsP/GaP/ Orange	635	Orange Diffused	25	80	30	150	2.0	2.6	10.0		
BL-R9132	GaP/GaP/ Pure Green	555	Green Diffused	30	80	30	150	2.2	2.6	1.5			
2.0x5.0x 7.5mm 1.0" Lead Rectangular	BL-R1132A-T	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	2.0	130	L-070
	BL-R5132A-T	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	3.0		
	BL-R4532A-T	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	12.0		
	BL-R2132A-T	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	12.0		
	BL-R3132A-T	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	10.0		
	BL-R4132A-T	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	12.0		
BL-R9132A-T	GaP/GaP/ Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	1.5			
2.0x5.0x 7.5mm 1.0" Lead Rectangular	BL-R1132B	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.4	120	L-071
	BL-R5132B	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	0.8		
	BL-R4532B	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	5.0		
	BL-R2132B	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	5.0		
	BL-R3132B	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	4.0		
	BL-R4132B	GaAsP/GaP/ Orange	635	Orange Diffused	25	80	30	150	2.0	2.6	0.4		
2.5x5.1x 5.4mm 1.0" Lead Rectangular	BL-R1132C	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.4	130	L-072
	BL-R5132C	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	0.8		
	BL-R4532C	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	4.0		
	BL-R2132C	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	4.0		
	BL-R3132C	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	3.0		

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

2.Trans / Transparent.

3.2θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity.

L-065 BL-Rxx41H Series	L-066 BL-Rxx31K Series
	
L-067 BL-Rxx31T Series	L-068 BL-Rxx22 Series
	
L-069 BL-Rxx32 Series	L-070 BL-Rxx32A-T Series
	
L-071 BL-Rxx32B Series	L-072 BL-Bxx32C Series
	

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