



# Standard LED Lamps Round 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 λ <sub>p</sub> (nm)		Δλ (nm)	Pd (mw)	If (mA)	Peak (mA)	V <sub>f</sub> (V)		I <sub>v</sub> (mcd)		
									Typ	Max	Typ.		
T-13/4 Standard 0.8"Lead 5.0φ	BL-B5114	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	6.0	45	L-040
	BL-B4114	GaAsP/GaP/ Orange	635		45	80	30	150	2.0	2.6	50.0		
	BL-B2114	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	50.0		
	BL-B3114	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	40.0		
	BL-B2414	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.0	2.6	55.0		
	BL-B4614	GaAsP/GaP/ Hi-Eff Red	635	Red Trans	45	80	30	150	2.0	2.6	55.0		
T-13/4 Standard 0.5"Lead 5.0φ	BL-B4524	GaAsP/GaP/ Hi-Eff Red	635	Red Diffused	45	80	30	150	2.0	2.6	25.0	40	L-041
	BL-B2124	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	25.0		
	BL-B3124	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	20.0		
	BL-B4124	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	25.0		
	BL-B2424	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.2	2.6	65.0		
	BL-B3424	GaAsP/GaP/ Yellow	585	Yellow Trans	35	80	30	150	2.1	2.6	50.0		
	BL-B2324	GaP/GaP / Green	568	Water Clear	30	80	30	150	2.2	2.6	65.0		
	BL-B5134	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	12.0		
BL-B4534	GaAsP/GaP/ Hi-Eff Red	635	45		80	30	150	2.0	2.6	80.0			
T-13/4 Standard 1.0"Lead 5.0φ	BL-B2134	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	80.0	35	L-042
	BL-B3134	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	70.0		
	BL-B2434	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.0	2.6	200		
	BL-B4634	GaAsP/GaP/ Yellow	635	Red Trans	45	80	30	150	2.0	2.6	200		
	BL-B5134-1	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	8.0		
BL-B4534-1	GaAsP/GaP/ Hi-Eff Red	635	45		80	30	150	2.0	2.6	65.0			
T-13/4 Wide Viewing Angle 1.0"Lead 5.0φ	BL-B2134-1	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	65.0	40	L-043
	BL-B3134-1	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	55.0		
	BL-B2434-1	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.0	2.6	160		
	BL-B4334A	GaAsP/GaP/ Orange	635	Water Clear	45	80	30	150	2.0	2.6	60.0		
	BL-B2334A	GaP/GaP/ Green	568		30	80	30	150	2.0	2.6	60.0		
T-13/4 Low Profile 1.0"Lead 5.0φ	BL-B3334A	GaAsP/GaP/ Yellow	585	Orange Trans	35	80	30	150	2.1	2.6	50.0	30	L-044
	BL-B4434A	GaAsP/GaP/ Orange	635	Orange Trans	45	80	30	150	2.0	2.6	60.0		
	BL-B2434A	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.0	2.6	60.0		
	BL-B5134B	GaP/GaP/ Bright Red	700	Red Diffused	90	40	15	50	2.2	2.6	4.0		
	BL-B4534B	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	25.0		
1.0" Lead 4.8φ	BL-B2134B	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	25.0	30	L-045
	BL-B3134B	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	20		
	BL-B2434B	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.2	2.6	100		
	BL-B4634B	GaAsP/GaP/ Orange	635	Red Trans	45	80	30	150	2.0	2.6	100		
	BL-B4534C	GaAsP/GaP/ Hi-Eff Red	635	Red Diffused	45	80	30	150	2.0	2.6	40		
1.0" Lead 5.0φ	BL-B2134C	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	40	35	L-046
	BL-B3134C	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	30		
	BL-B4134C	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	40		
	BL-B2334C	GaP/GaP/ Green	568	Water Clear	30	80	30	150	2.2	2.6	90		
	BL-B3334C	GaAsP/GaP/ Yellow	585		35	80	30	150	2.1	2.6	80		
	BL-B4334C	GaAsP/GaP/ Orange	635		45	80	30	150	2.0	2.6	90		
BL-B5134G	GaP/GaP/ Bright Red	700	Red Diffused		90	40	15	50	2.2	2.6	12.0		
BL-B4534G	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	80.0			
T1 3/4 Standard 1.0" Lead 5.0φ	BL-B2134G	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	80.0	35	L-047
	BL-B3134G	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	70.0		
	BL-B4134G	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	80.0		
	BL-B2434G	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.2	2.6	200.0		
	BL-B2434G	GaP/GaP/ Green	568	Green Trans	30	80	30	150	2.2	2.6	200.0		

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.

LMP-18



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L-040	L-041
<p><b>BL-Bxx14 Series</b></p>	<p><b>BL-Bxx24 Series</b></p>
<p><b>BL-Bxx34 Series</b></p>	<p><b>BL-Bxx34-1 Series</b></p>
<p><b>BL-Bxx34A Series</b></p>	<p><b>BL-Bxx34B Series</b></p>
<p><b>BL-Bxx34C Series</b></p>	<p><b>BL-Bxx34G Series</b></p>

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