



DUAL-CHIP & TRI-STATE LED LAMPS

Package	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data (At 20mA)			Viewing Angle 2q 1/2 (deg)	Drawing No.
		Material/Emitted Color	Peak Wave Length λp (nm)		Dl (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf (V)		Iv (mcd)		
									Typ	Max			
T-1 Standard 1.0" Lead 3 φ	BL-BHG201	GaP/GaP/Bright Red	700	White Diffused	90	40	15	50	2.2	2.6	7.0	40	L-070
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	35.0		
	BL-BEG201	GaAsP/GaP/Hi-Eff Red	635	White Diffused	45	80	30	150	2.0	2.6	35.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	35.0		
	BL-BYG201	GaAsP/GaP/Yellow	585	White Diffused	35	80	30	150	2.1	2.6	30.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	35.0		
T-13/4 Standard 1.0" Lead 5 φ	BL-BHG204	GaP/GaP/Bright Red	700	White Diffused	90	40	15	50	2.2	2.6	8.0	50	L-071
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	45.0		
	BL-BEG204	GaAsP/GaP/Hi-Eff Red	635	White Diffused	45	80	30	150	2.0	2.6	45.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	45.0		
	BL-BYG204	GaAsP/GaP/Yellow	585	White Diffused	35	80	30	150	2.1	2.6	40.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	45.0		
T-13/4 Standard 1.0" Lead 5 φ	BL-BHG204-A	GaP/GaP/Bright Red	700	White Diffused	90	40	15	50	2.2	2.6	3.5	50	L-072
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	20.0		
	BL-BEG204-A	GaAsP/GaP/Hi-Eff Red	635	White Diffused	45	80	30	150	2.0	2.6	20.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	20.0		
	BL-BYG204-A	GaAsP/GaP/Yellow	585	White Diffused	35	80	30	150	2.1	2.6	18.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	20.0		
T-1 3/4-Standard 1.0" Lead 5 φ	BL-BHG204-B	GaP/GaP/Bright Red	700	White Diffused	90	40	15	50	2.2	2.6	3.5	50	L-073
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	20.0		
	BL-BEG204-B	GaAsP/GaP/Hi-Eff Red	635	White Diffused	45	80	30	150	2.0	2.6	20.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	20.0		
	BL-BYG204-B	GaAsP/GaP/Yellow	585	White Diffused	35	80	30	150	2.1	2.6	18.0		
		GaP/GaP/Yellow Green	568		30	80	30	150	2.2	2.6	20.0		

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.

<p>L-070 BL-Bxx201 Series</p> <p>Diagram showing dimensions and electrical connections for BL-Bxx201 Series LED lamp. Dimensions include lead diameter $\phi 3.0(.118)$, lead length $5.3(.209)$, and body diameter $2.54(.100)$. Electrical connections show CENTER LEADS COMMON CATHODE, Hi-Eff Red ANODE, and Green ANODE.</p>	<p>L-071 BL-Bxx204 Series</p> <p>Diagram showing dimensions and electrical connections for BL-Bxx204 Series LED lamp. Dimensions include lead diameter $\phi 5.0(.197)$, lead length $8.62(.339)$, and body diameter $2.54(.100)$. Electrical connections show CENTER LEADS COMMON CATHODE, BRIGHT RED ANODE, and GREEN ANODE.</p>
<p>L-072 BL-Bxx204-A Series</p> <p>Diagram showing dimensions and electrical connections for BL-Bxx204-A Series LED lamp. Dimensions include lead diameter $\phi 5.0(.197)$, lead length $8.6(.34)$, and body diameter $2.54(.100)$. Electrical connections show ANGLE LEADS COMMON ANODE, BRIGHT RED CATHODE, and GREEN CATHODE.</p>	<p>L-073 BL-Bxx204-B Series</p> <p>Diagram showing dimensions and electrical connections for BL-Bxx204-B Series LED lamp. Dimensions include lead diameter $\phi 5.0(.197)$, lead length $8.62(.339)$, and body diameter $2.54(.100)$. Electrical connections show CENTER LEADS COMMON ANODE, Hi-Eff Red CATHODE, and YELLOW GREEN CATHODE.</p>

Notes: 1. All Dimensions are in millimeters (inches).

2. Tolerance is $\pm 0.25\text{mm}$ (.010")