



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>φ 3.0(.118) 0.81(.03) 1.50(.059) MAX. 0.5(.02) SQ. TYP. 5.3(.209) 1.2±0.5(.047) 21.0(.827) MIN. 2.0(.08) MIN. 3.8(.15) 2.54(.100) NOM. 54(.100) NOM. CENTER LEADS COMMON CATHODE Hi-Eff Red ANODE Green ANODE</p>	<p>L-071 BL-Bxx204 Series</p> <p>φ 5.0(.197) 1.0(.039) 1.50(.059) MAX. 0.5(.02) SQ. TYP. 8.62(.339) 1.5±0.5(.059) 21.0(.827) MIN. 2.0(.08) MIN. 5.7(.22) 2.54(.100) NOM. 2.54(.100) NOM. CENTER LEADS COMMON CATHODE BRIGHT RED ANODE GREEN ANODE</p>
<p>L-072 BL-Bxx204-A Series</p> <p>φ 5.0(.197) 1.0(.039) 1.50(.059) MAX. 0.5(.02) SQ. TYP. 8.6(.34) 1.4±0.5(.055) 21.0(.827) MIN. 2.0(.079) MIN. 5.7(.22) 2.54(.100) NOM. 54(.100) NOM. ANGLE LEADS BRIGHT RED CATHODE COMMON ANODE GREEN CATHODE</p>	<p>L-073 BL-Bxx204-B Series</p> <p>φ 5.0(.197) 1.00(.039) 1.50(.059) MAX. 0.5(.02) SQ. TYP. 8.62(.339) 1.4±0.5(.055) 21.0(.827) MIN. 2.0(.08) MIN. 5.70(.224) 2.54(.100) NOM. 2.54(.100) NOM. CENTER LEADS COMMON ANODE Hi-Eff Red CATHODE YELLOW GREEN CATHODE</p>

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

2. Tolerance is ±0.25mm (.010")