



Dual-Chip & Tri-State LED Lamps BL-B Multi-Color Series

Round 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)		$\Delta \lambda$ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf (V)		Iv (mcd)		
									Typ	Max	Typ.		
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-158
		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-159
		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-160
		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-161
		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. 2 θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity °

L-158 BL-Bxx201 Series	L-159 BL-Bxx204 Series
L-160 BL-Bxx204-A Series	L-161 BL-Bxx204-B Series

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

AMERICAN BRIGHT