



Low Current LED Lamps Round Types

Package	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings			Electro-optical Data(At 2mA)			Viewing Angle 2θ 1/2 (deg)	Drawing No.
		Material/ Emitted Color	Peak Wave Length λ _p (nm)		Δλ (nm)	Pd (mw)	If (mA)	V _f (V)		I _v (mcd)		
								Typ	Max	Typ.		
T-1 Standard 1.0" Lead 3φ	BL-B5131-L	GaP/GaP/ Bright Red	700	Red Diffused	90	14	7	1.9	2.2	0.8	35	L-151
	BL-B4531-L	GaAsP/GaP/ Hi-Eff Red	635		45	14	7	1.8	2.2	4.0		
	BL-B2131-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	4.0		
	BL-BX1131-L	GaP/GaP/ Hi-Eff Green	568		30	14	7	1.8	2.2	7.0		
	BL-B3131-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	3.0		
	BL-B4131-L	GaAsP/GaP/ Orange	635	Orange Diffused	45	14	7	1.8	2.2	4.0		
	BL-B4331-L	GaAsP/GaP/ Orange	635	Water Clear	45	14	7	1.8	2.2	12.0	30	
T-1 Standard 1.0" Lead 3φ	BL-B5141-L	GaP/GaP/ Bright Red	700	Red Diffused	90	14	7	1.9	2.2	1.0	35	L-152
	BL-B4541-L	GaAsP/GaP/ Hi-Eff Red	635		45	14	7	1.8	2.2	4.0		
	BL-B2141-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	4.0		
	BL-BX1141-L	GaP/GaP/ Hi-Eff Green	568		30	14	7	1.8	2.2	7.0		
	BL-B3141-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	3.0		
	BL-B4141-L	GaAsP/GaP/ Orange	635	Orange Diffused	45	14	7	1.8	2.2	4.0		
	BL-B4341-L	GaAsP/GaP/ Orange	635	Water Clear	45	14	7	1.8	2.2	12.0	30	
T-1 1.0"Lead 3φ	BL-B45V1G-L	GaAsP/GaP/ Hi-Eff Red	635	Red Diffused	45	14	7	1.8	2.2	4.0	35	L-153
	BL-B21V1G-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	4.0		
	BL-B31VG-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	3.0	30	
	BL-B24V1G-L	GaP/GaP/ Green	568	Green Trans	30	14	7	1.9	2.2	8.0		
	BL-B34VG-L	GaAsP/GaP/ Yellow	585	Yellow Trans	35	14	7	1.9	2.2	6.5		
	BL-B23V1G-L	GaP/GaP/ Green	568	Water Clear	30	14	7	1.9	2.2	8.0		
	BL-B33V1G-L	GaAsP/GaP/ Yellow	585		35	14	7	1.9	2.2	6.5		
1.0"Lead High Flangeless 3φ	BL-B45V1H-L	GaAsP/GaP/ Hi-Eff Red	635	Red Diffused	45	14	7	1.8	2.2	4.0	30	L-154
	BL-B21V1H-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	5.0		
	BL-B31V1H-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	3.0	25	
	BL-B24V1H-L	GaP/GaP/ Green	568	Green Trans	30	14	7	1.9	2.2	10.0		
	BL-B34V1H-L	GaAsP/GaP/ Yellow	585	Yellow Trans	35	14	7	1.9	2.2	6.0		
	BL-B23V1H-L	GaP/GaP/ Green	568	Water Clear	30	14	7	1.9	2.2	10.0		
	BL-B33V1H-L	GaAsP/GaP/ Yellow	585		35	14	7	1.9	2.2	6.0		
T-13/4 Standard 1.0" Lead 5φ	BL-B5134-L	GaP/GaP/ Bright Red	700	Red Diffused	90	14	7	1.9	2.2	1.2	35	L-155
	BL-B4534-L	GaAsP/GaP/ Hi-Eff Red	635		45	14	7	1.8	2.2	8.0		
	BL-B2134-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	8.0		
	BL-BX1134-L	GaP/GaP/ Hi-Eff Green	568		30	14	7	1.8	2.2	12.5		
	BL-B3134-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	7.0		
	BL-B4134-L	GaAsP/GaP/ Orange	635	Orange Diffused	45	14	7	1.8	2.2	8.0		
	BL-B4334-L	GaAsP/GaP/ Orange	635	Water Clear	45	14	7	1.8	2.2	20.0	12	
T-13/4 Standard 1.0" Lead 5φ	BL-B5134-1-L	GaP/GaP/ Bright Red	700	Red Diffused	90	14	7	1.9	2.2	0.8	40	L-156
	BL-B4534-1-L	GaAsP/GaP/ Hi-Eff Red	635		45	14	7	1.8	2.2	6.5		
	BL-B2134-1-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	6.5		
	BL-BX1134-1-L	GaP/GaP/ Hi-Eff Green	568		30	14	7	1.9	2.2	10.5		
	BL-B3134-1-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	5.5		
	BL-B4134-1-L	GaAsP/GaP/ Orange	635	Orange Diffused	45	14	7	1.8	2.2	6.5		
	BL-B4334-1-L	GaAsP/GaP/ Orange	635	Water Clear	45	14	7	1.8	2.2	16.0	20	
T-13/4 Standard 1.0" Lead 5φ	BL-B5134G-1-L	GaP/GaP/ Bright Red	700	Red Diffused	90	14	7	1.9	2.2	0.8	45	L-157
	BL-B4534G-1-L	GaAsP/GaP/ Hi-Eff Red	635		45	14	7	1.8	2.2	6.5		
	BL-B2134G-1-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	6.5		
	BL-BX1134G-1-L	GaP/GaP/ Hi-Eff Green	568		30	14	7	1.9	2.2	10.5		
	BL-B3134G-1-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	5.5		
T-13/4 Flangeless 1.0" Lead 5φ	BL-B4334G-1-L	GaAsP/GaP/ Orange	635	Water Clear	45	14	7	1.8	2.2	16.0	20	L-158
	BL-B5134N-1-L	GaP/GaP/ Bright Red	700	Red Diffused	90	14	7	1.9	2.2	0.9	45	
	BL-B4534N-1-L	GaAsP/GaP/ Hi-Eff Red	635		45	14	7	1.8	2.2	7.0		
	BL-B2134N-1-L	GaP/GaP/ Green	568	Green Diffused	30	14	7	1.9	2.2	7.0		
	BL-BX1134N-1-L	GaP/GaP/ Hi-Eff Green	568		30	14	7	1.8	2.2	11.2		
BL-B3134N-1-L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	14	7	1.9	2.2	6.5			

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-46

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L-151 BL-Bxx31-L Series	L-152 BL-Bxx41-L Series
L-153 BL-BxxV1G-L Series	L-154 BL-BxxV1H-L Series
L-155 BL-Bxx34-L Series	L-156 BL-Bxx34-1-L Series
L-157 BL-Bxx34G-1-L Series	L-158 BL-Bxx34N-1-L Series

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