



# Resistor LED Lamps Round Types

Package	Part No.	Chip		Lens Appearance	Operating Voltage (V)		Forward Current (mA)		Luminous Intensity (mA)		Viewing Angle 2θ 1/2 (deg)	Drawing No.
		Material/Emitted Color	Peak Wave Length λp (nm)		Typ.	Max.	Typ.	Max.	Min.	Typ.		
T-1 Standard 1.0" Lead 3φ	BR-B51V1-05V	GaP/GaP/ Bright Red	700	Red Diffused	-	5	8	12	2.0	4.5	30	L-022
	BR-B45V1-05V	GaAsP/GaP/ Hi-Eff Red	635						6.0	20.0		
	BR-B61V1-05V	GaAlAs/ SH Super Red	660						10.0	30.0		
	BR-B21V1-12V	GaP/GaP/ Green	568	Green Diffused	-	12			6.0	20.0		
	BR-BX11V1-12V	GaP/GaP/ Hi-Eff Green	568						6.5	22.0		
	BR-B31V1-15V	GaAsP/GaP/ Yellow	585	Yellow Diffused	-	15			5.0	15.0		
	BR-B41V1-15V	GaAsP/GaP/ Orange	635						Orange Diffused	6.0		
T-13/4 Standard 1.0" Lead 5φ	BR-B5134-05V	GaP/GaP/ Bright Red	700	Red Diffused	-	5	8	12	3.0	10.0	12	L-023
	BR-B4534-05V	GaAsP/GaP/ Hi-Eff Red	635						10.0	40.0		
	BR-B6134-05V	GaAlAs/ SH Super Red	660						20.0	60.0		
	BR-B2134-12V	GaP/GaP/ Green	568	Green Diffused		12			10.0	40.0		
	BR-BX1134-12V	GaP/GaP/ Hi-Eff Green	568						10.0	45.0		
	BR-B4534-15V	GaAsP/GaP/ Hi-Eff Red	635	Red Diffused		15			10.0	40.0		
	BR-B4134-15V	GaAsP/GaP/ Orange	635						Orange Diffused	10.0		

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.

L-022	BR-BxxV1-xxV Series	L-023	BR-Bxx34 xxV Series
<p>FLAT DENOTES CATHODE</p>		<p>FLAT DENOTES CATHODE</p>	

Notes 1.All Dimensions are millimeters (inches).

2.Tolerance is ±0.25mm (.010").