

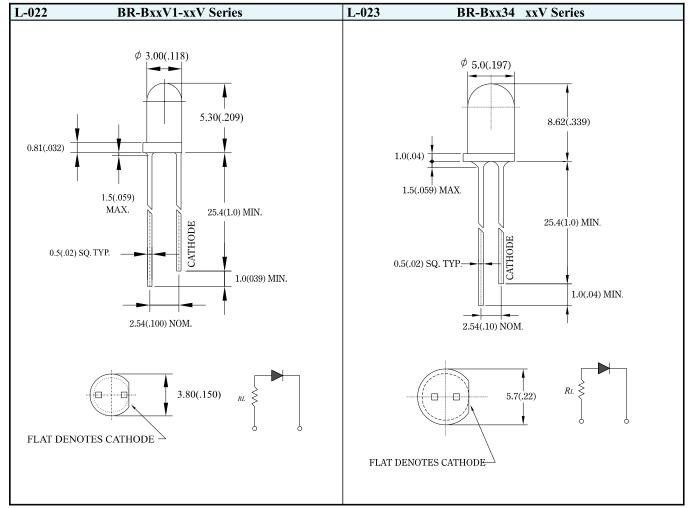
## **Resistor LED Lamps Round Types**

Package	Part No.	Chip			Operating Voltage (V)		Forward Current (mA)		Luminous Intensity (mA)		Viewing	
		Material/Emitted Color	Peak Wave Length λp (nm)	Lens Appearance	Тур.	Max.	Тур.	Max.	Min.	Тур.	Angle 2θ 1/2 (deg)	Drawing No.
T-1 Standard 1.0" Lead 3 $\phi$	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	20.0		
T-13/4 Standard 1.0" Lead 5 \$\phi\$	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					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 Orange Diffused		15			10.0	40.0		
	BR-B4134-15V	GaAsP/GaP/ Orange	635						10.0	40.0		

Remark 1.Hi-Eff Red / High-Efficiency Red.

2.Trans / Transparent.

 $3.2\theta$  1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity.



Notes 1.All Dimensions are millimeters (inches). 2.Tolerance is  $\pm 0.25$ mm (.010").