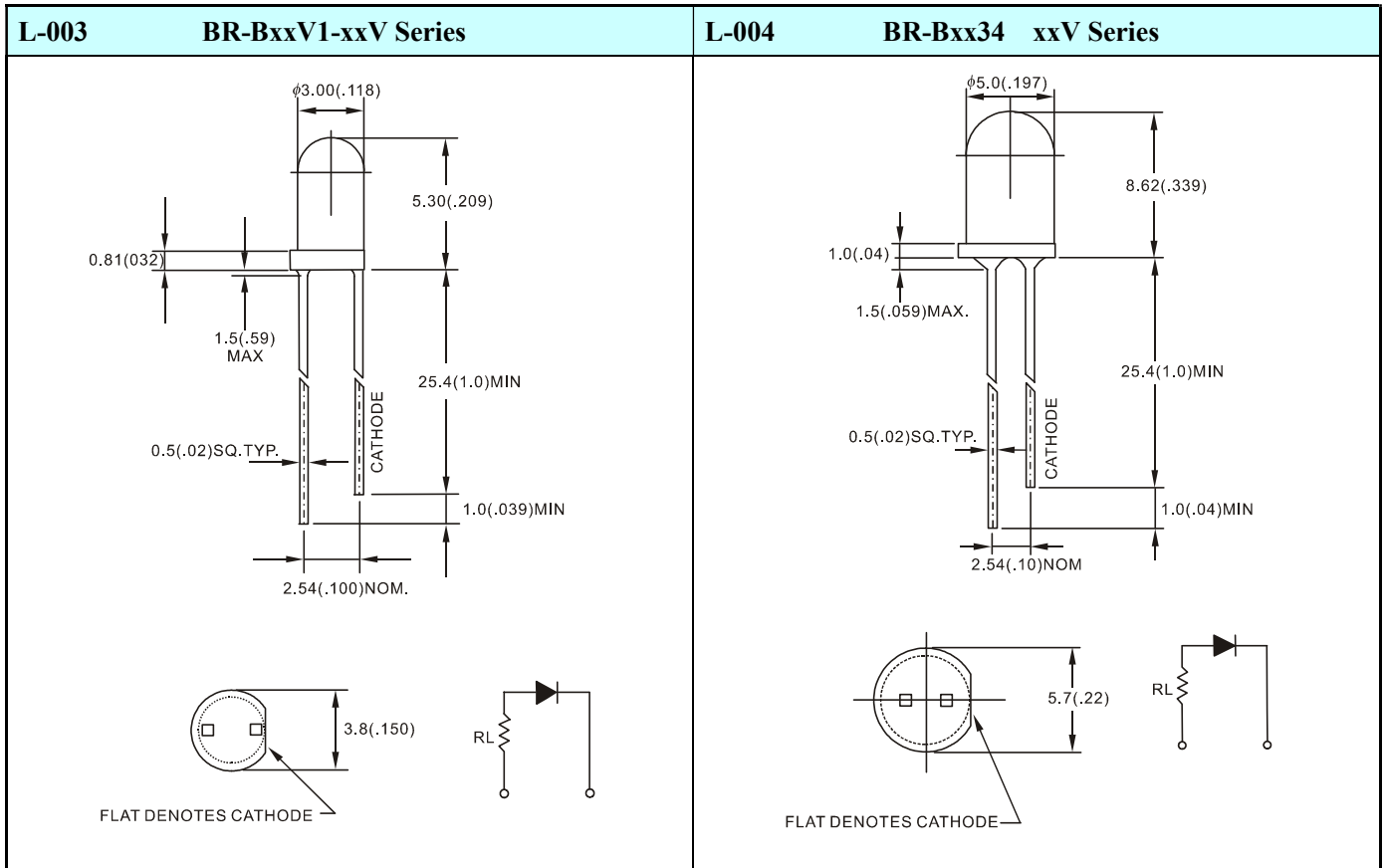




# RESISTOR LED LAMPS (ROUND TYPES)

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 λ <sub>p</sub> (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-003
	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 5φ	BR-B5134-05V	GaP/GaP/Bright Red	700	Red Diffused	-	5	8	12	3.0	10.0	12	L-004
	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	40.0				

- 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.



- Notes: 1. All Dimensions are millimeters (inches).  
 2. Tolerance is ± 0.25mm (.010")