







LED LAMP

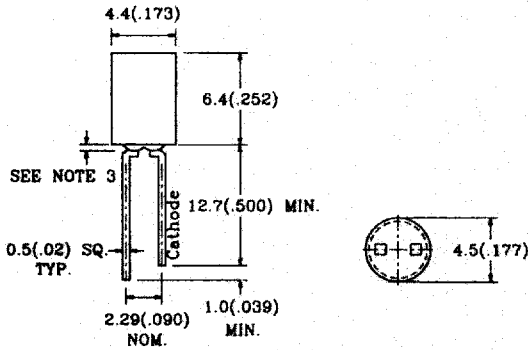
STANDARD LED LAMPS (CYLINDRICAL TYPES)

Package	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2θ 1/2 (deg)	Drawing No.	
		Emitted Color	Peak Wave Length λ P(nm)		Δλ (nm)	Pd (mW)	If(mA)	Peak If(mA)	Vf(V)		Iv Typ. (mcd)			
									Typ.	Max.				
	Cylindrical 0.5"Lead 4.5φ	BL-C1121	Red	655	Red Diffused	40	110	40	200	1.7	2.0	0.8	180	L-29
		BL-C5121	Bright Red	700	Red Diffused	90	50	15	50	2.2	2.6	1.2	180	
		BL-C4521	Hi-Eff Red	635	Red Diffused	45	100	30	150	2.0	2.6	7.0	180	
		BL-C2121	Green	568	Green Diffused	30	100	30	150	2.2	2.6	9.0	180	
		BL-C3121	Yellow	585	Yellow Diffused	35	100	30	150	2.1	2.6	6.0	180	
		BL-C4121	Orange	635	Orange Diffused	45	100	30	150	2.0	2.6	7.0	180	
	Cylindrical 1.0"Lead 3φ	BL-C1132	Red	655	Red Diffused	40	110	40	200	1.7	2.0	2.0	130	L-30
		BL-C5132	Bright Red	700	Red Diffused	90	50	15	50	2.2	2.6	3.0	130	
		BL-C4532	Hi-Eff Red	635	Red Diffused	45	100	30	150	2.0	2.6	9.0	130	
		BL-C2132	Green	568	Green Diffused	30	100	30	150	2.2	2.6	10.0	130	
		BL-C3132	Yellow	585	Yellow Diffused	35	100	30	150	2.1	2.6	8.0	130	
		BL-C4132	Orange	635	Orange Diffused	45	100	30	150	2.0	2.6	9.0	130	
	Cylindrical 1.0"Lead Wide Angle Back Light- ing 3φ	BL-C1435	Red	655	Red Trans	40	110	40	200	1.7	2.0	3.0	180	L-31
		BL-C5435	Bright Red	700	Red Trans	90	50	15	50	2.2	2.6	5.0	180	
		BL-C4635	Hi-Eff Red	635	Red Trans	45	100	30	150	2.0	2.6	15.0	180	
		BL-C2435	Green	568	Green Trans	30	100	30	150	2.2	2.6	17.0	180	
		BL-C3435	Yellow	585	Yellow Trans	35	100	30	150	2.1	2.6	14.0	180	
		BL-C4435	Orange	635	Orange Trans	45	100	30	150	2.0	2.6	15.0	180	
	Cylindrical 1.0"Lead Wide Angle Back Light- ing 5φ	BL-C1436	Red	655	Red Trans	40	110	40	200	1.7	2.0	3.0	180	L-32
		BL-C5436	Bright Red	700	Red Trans	90	50	15	50	2.2	2.6	5.0	180	
		BL-C4636	Hi-Eff Red	635	Red Trans	45	100	30	150	2.0	2.6	14.0	180	
		BL-C2436	Green	568	Green Trans	30	100	30	150	2.2	2.6	15.0	180	
		BL-C3436	Yellow	585	Yellow Trans	35	100	30	150	2.1	2.6	13.0	180	
		BL-C4436	Orange	635	Orange Trans	45	100	30	150	2.0	2.6	14.0	180	
	Cylindrical 1.0"Lead 5φ	BL-C1336M	Red	655	Water Clear	40	110	40	200	1.7	2.0	4.0	125	L-33
		BL-C5336M	Bright Red	700	Water Clear	90	50	15	50	2.2	2.6	6.0	125	
		BL-C2336M	Green	568	Water Clear	30	100	30	150	2.2	2.6	20.0	125	
		BL-C3336M	Yellow	585	Water Clear	35	100	30	150	2.1	2.6	16.0	125	
		BL-C4336M	Orange	635	Water Clear	45	100	30	150	2.0	2.6	17.0	125	
	Cylindrical 1.0"Lead 5φ	BL-C1137-T	Red	655	Red Diffused	40	110	40	200	1.7	2.0	1.0	120	L-34
		BL-C5137-T	Bright Red	700	Red Diffused	90	50	15	50	2.2	2.6	2.0	120	
		BL-C4537-T	Hi-Eff Red	635	Red Diffused	45	100	30	150	2.0	2.6	5.0	120	
		BL-C2137-T	Green	568	Green Diffused	30	100	30	150	2.2	2.6	9.0	120	
		BL-C3137-T	Yellow	585	Yellow Diffused	35	100	30	150	2.1	2.6	7.0	120	
		BL-C4137-T	Orange	635	Orange Diffused	45	100	30	150	2.0	2.6	8.0	120	

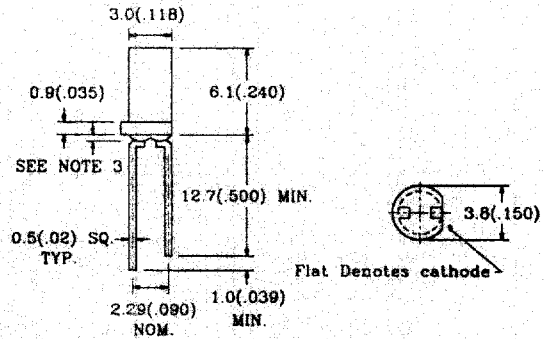
Remark: - Hi-Eff Red -- High-Efficiency Red
 - Trans - Transparent
 - 2θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity

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L-29 BL-Cxx21 Series



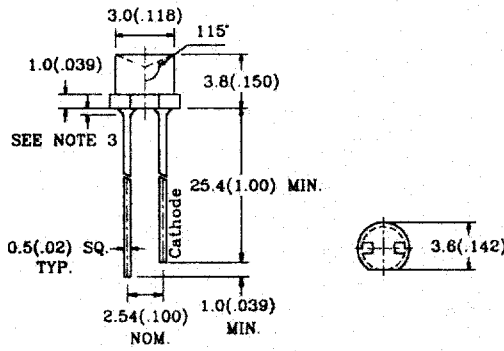
L-30 BL-Cxx32 Series



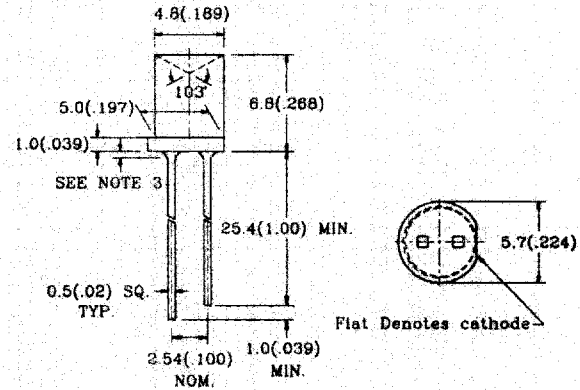
PACKAGE DIMENSIONS

- NOTES:
1. All Dimensions are in millimeters (inches).
 2. Tolerance is $\pm 0.25\text{mm}$ ($\pm 0.010''$) unless otherwise specified.
 3. Protruded resin under flange is 1.5mm (.059'')
 4. Lead spacing is measured where the leads emerge from the package.
 5. Specifications are subject to change without notice

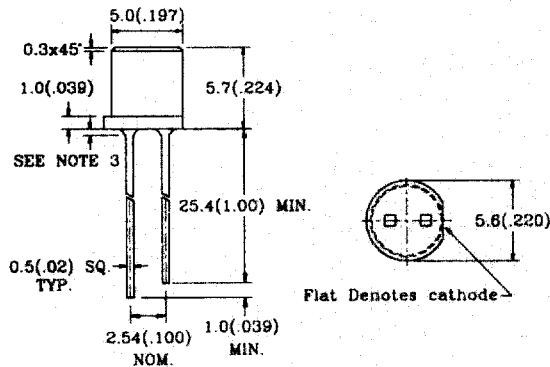
L-31 BL-Cxx35 Series



L-32 BL-Cxx36 Series



L-33 BL-Cxx36M Series



L-34 BL-Cxx37-T Series

