

# Series L5 / Ø 5mm, T-1 ¾ , 1.0” Lead



**Bi-Colour: Red / Red**

**Sloan Part No.: L5-RR5F**

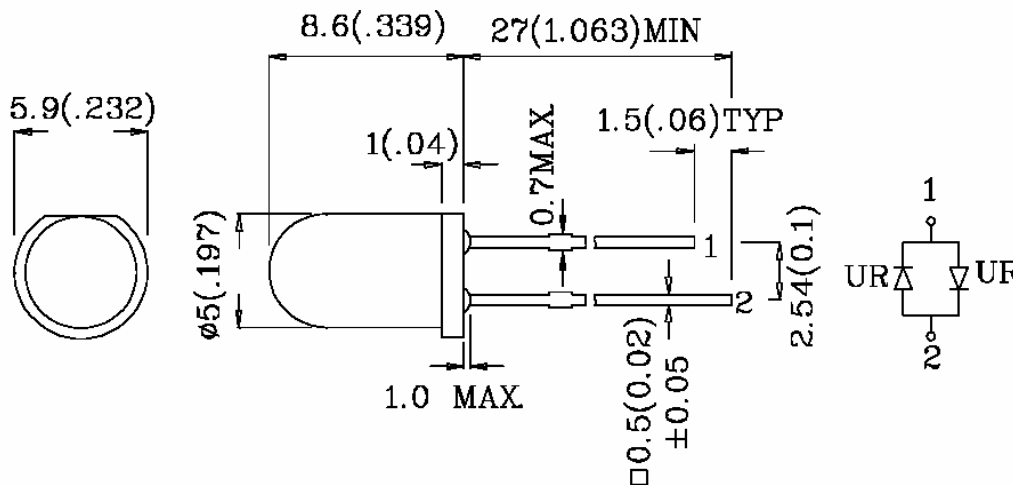
**Electrical and Optical Characteristics (T<sub>A</sub> = 25 C)**

Chip		Lens Appearance	Absolute Maximum Rating				Electro-optical Data (At 20mA)			Viewing Angle 2 θ ½ (deg)
Emitted Colour	Peak Wave Length λ P(nm)		Δλ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		Iv Typ. (mcd)	
							Typ.	Max.		
Red	625	Red Diffused	45	105	30	160	2.0	2.5	18	60

**Absolute Maximum Ratings (T<sub>A</sub> = 25 C)**

Operating Temperature Range	- 40°C ~ 85°C
Storage Temperature Range	- 40°C ~ 85°C
Lead Soldering Temperature	260°C for 5 Seconds

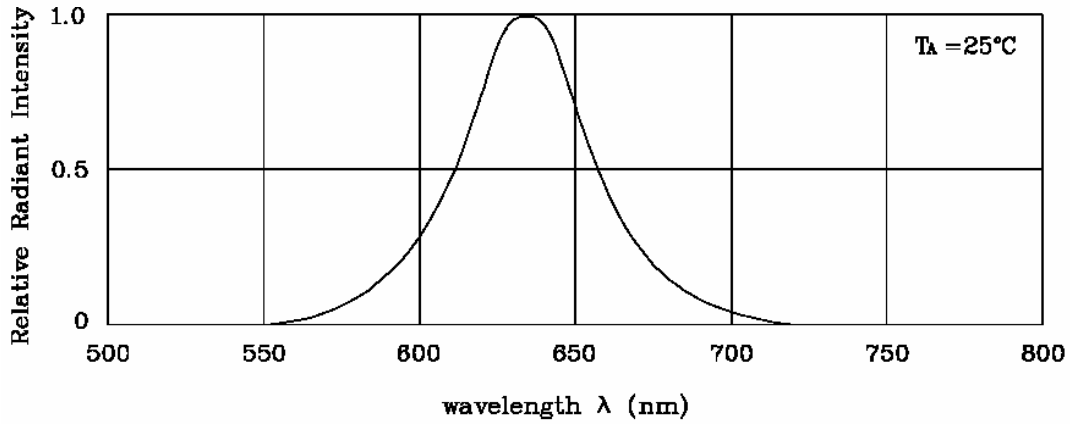
**Package Dimensions**



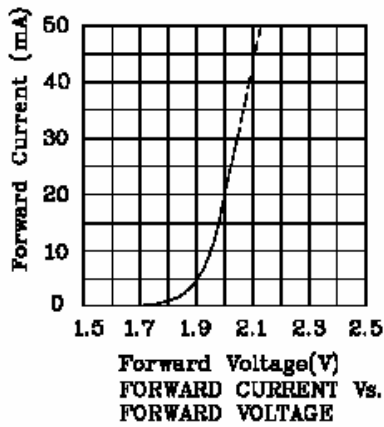
- NOTES:**
1. All dimensions are in millimeters (inches).
  2. Tolerance is + 0.25mm (0.01”) unless otherwise specified.
  3. Lead spacing is measured where the leads emerge from the package
  4. Specifications are subject to change without notice.

# Sloan Part No.: L5-RR5F

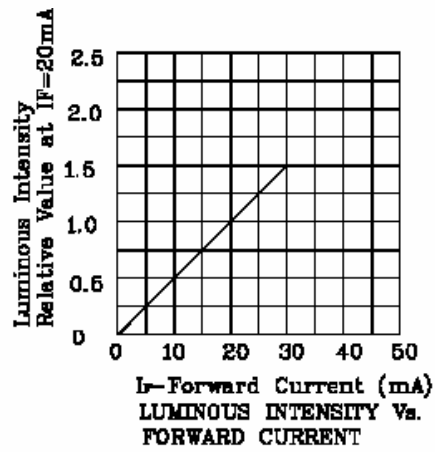
Electrical and Optical Characteristics ( $T_A = 25^\circ\text{C}$ )



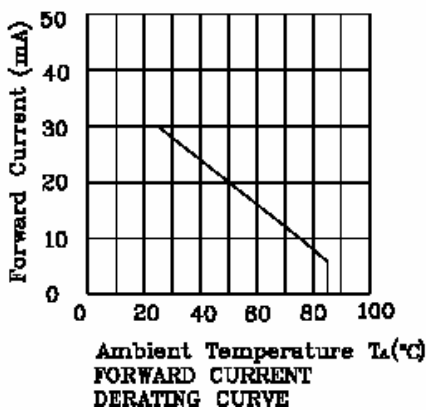
RELATIVE INTENSITY Vs. WAVELENGTH



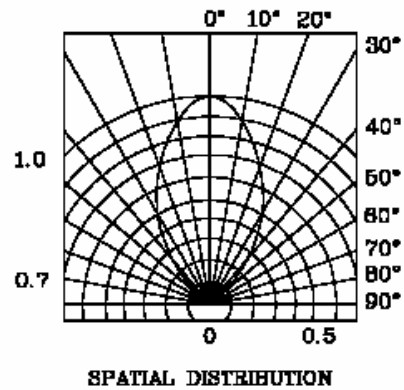
FORWARD CURRENT Vs. FORWARD VOLTAGE



LUMINOUS INTENSITY Vs. FORWARD CURRENT



FORWARD CURRENT DERATING CURVE



SPATIAL DISTRIBUTION

- NOTES:**
1. All dimensions are in millimeters (inches).
  2. Tolerance is + 0.25mm (0.01") unless otherwise specified.
  3. Lead spacing is measured where the leads emerge from the package
  4. Specifications are subject to change without notice.