

Series L5 / Ø 5mm

Colour: white

Sloan Part No.: L5-W601 STD

Electrical and Optical Characteristics (T_A = 25°C)

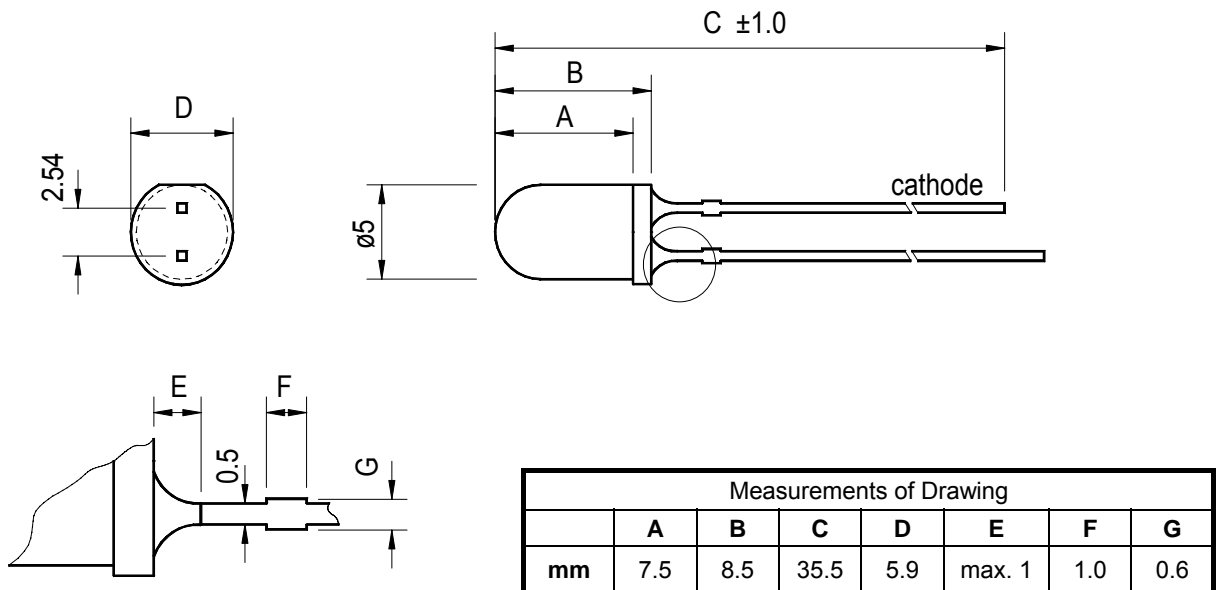
Chip			Lens	Absolute Maximum Ratings				Electro-Optical-Data's at 20mA					Viewing Angle 2 θ ½ (deg)
Emitted Colour	Chromaticity Coordinates	Colour Temperature (°K)		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Forward Voltage V _F (V)		Luminous Intensity I _v (mcd)			
			min.					max.	min.	typ.	max.		
white	x=0.350 y=0.355	5000	water clear	-	114	30	*100	3.2	3.8	10000	14000	20000	22°

*Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)

Absolute Maximum Ratings (T_A = 25°C)

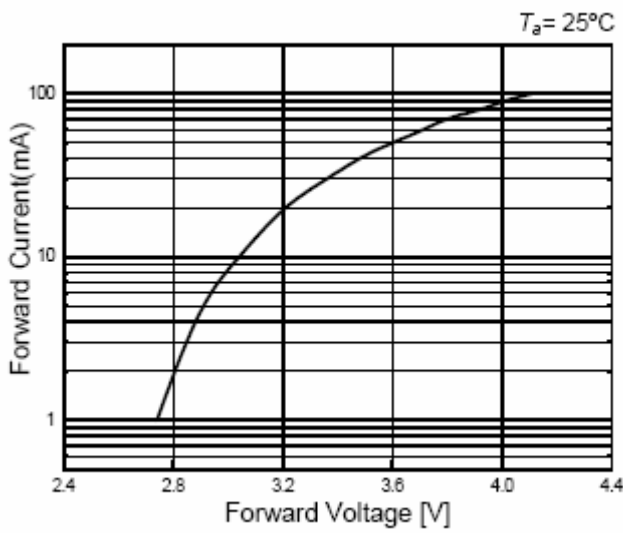
Reverse Voltage	5V
Reverse Current (V _R = 5V)	≤ 10μA
Operating Temperature Range	- 30°C ~ +85°C
Storage Temperature Range	- 40°C ~ +100°C
Lead Soldering Temperature	260°C for 10 seconds

Package Dimensions

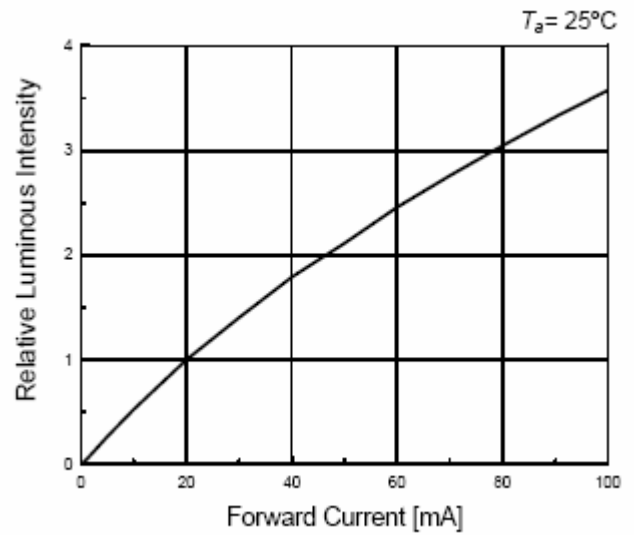


1. All dimensions are in millimetres.
2. Tolerance is ±0.25mm unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package
4. Specifications are subject to change without notice.

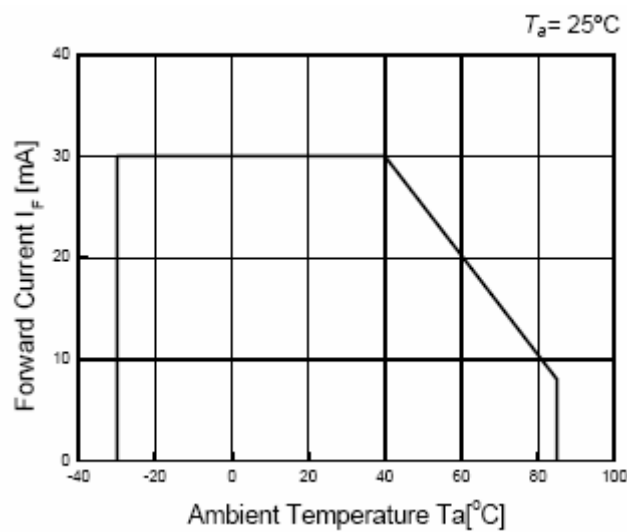
Forward Voltage vs. Forward Current



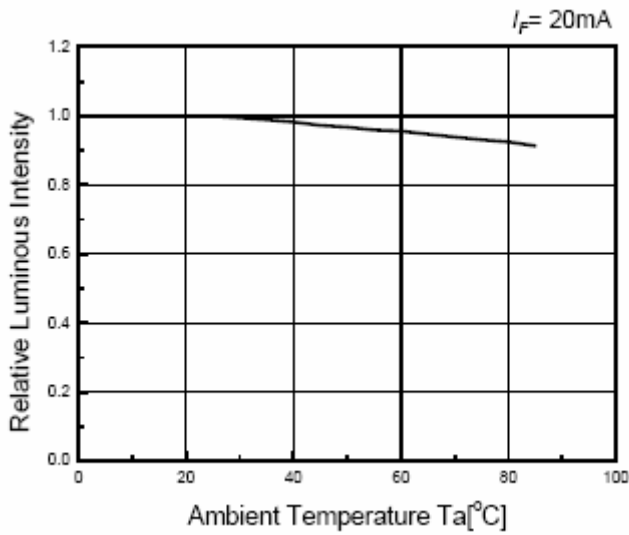
Forward Current vs. Relative Intensity



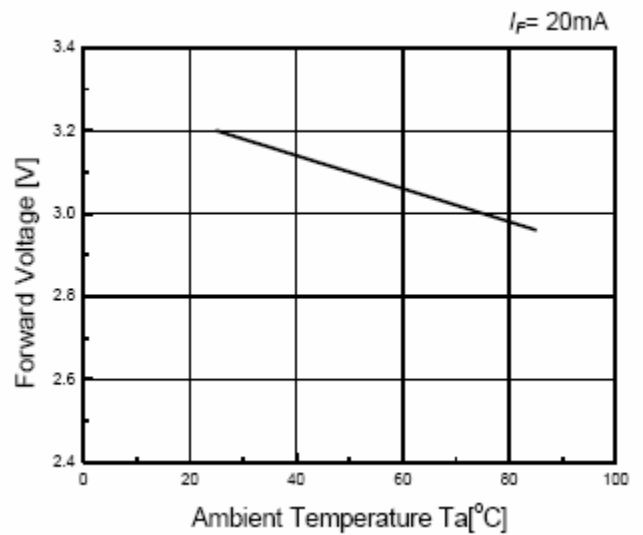
Ambient Temperature vs. Forward Current



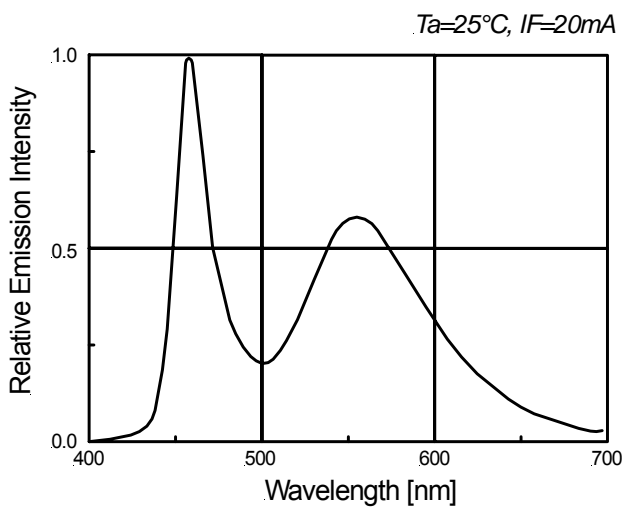
Ambient Temperature vs. Relative Intensity



Ambient Temperature vs. Forward Voltage



Spectrum



Directivity

