



# 3.0 mm Round LED Lamp



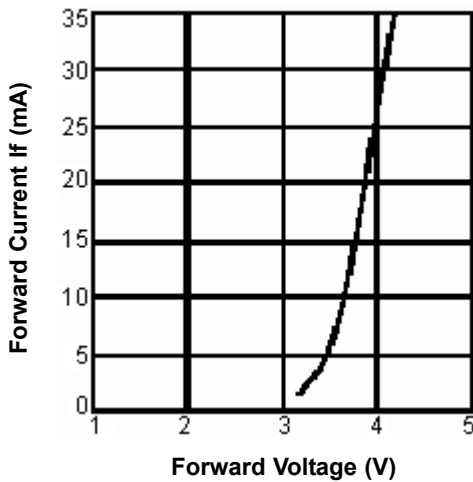
## Super Blue

### Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

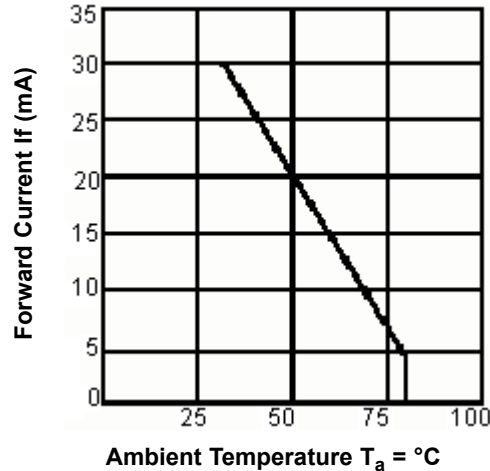
Reverse Voltage	5 V
Reverse Current	10 $\mu\text{A}$ ( $V_R = 5 \text{ V}$ )
Electrostatic Discharge (ESD)	200 V
Operating Temperature Range	-40°C to 85°C
Storage Temperature Range	-40°C to 100°C
Lead Soldering Temperature Range 1.6 mm (1 / 16 inches) from body	260°C for 5 Seconds

### Super Blue (InGaN) $\lambda_P = 470 \text{ nm}$

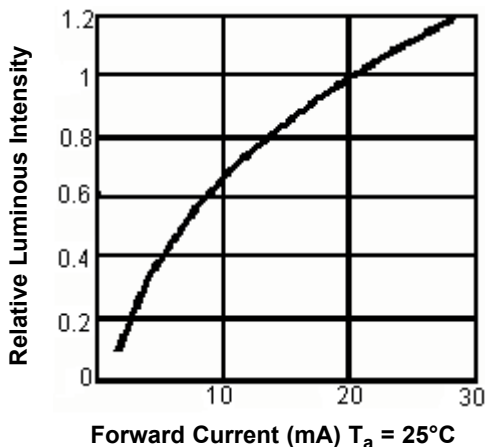
Forward Current vs. Forward Voltage



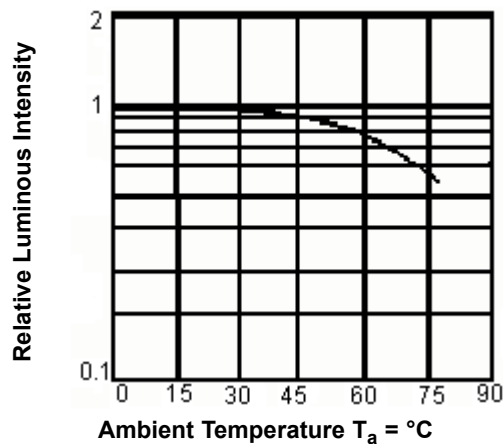
Forward Current Derating Curve



Luminous Intensity vs. Forward Current



Luminous Intensity vs. Ambient Temperature

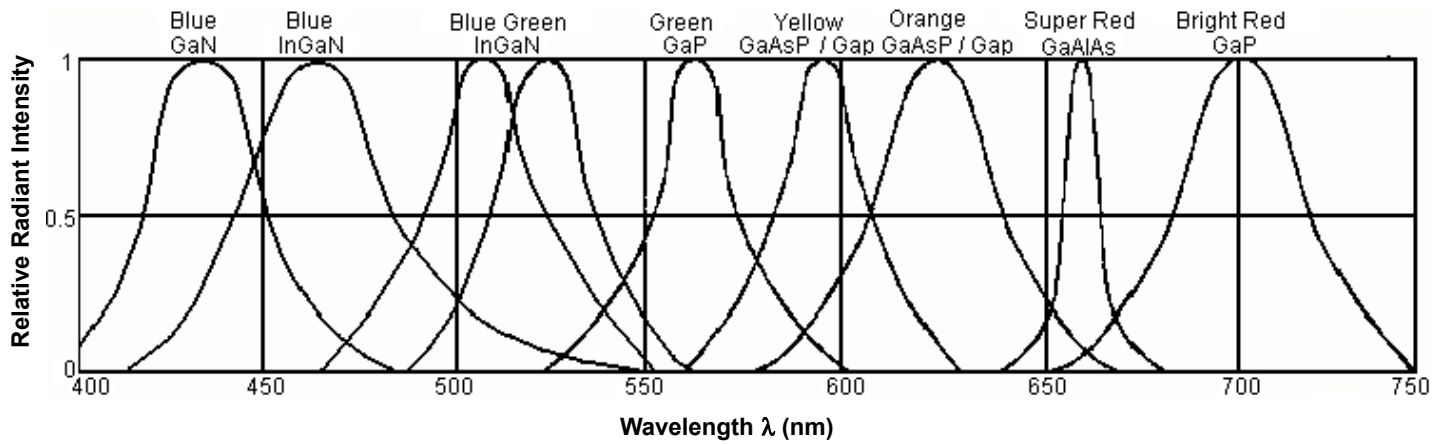


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## Super Blue

Relative Intensity vs. Wavelength



### Part Number Table

Description	Part Number
LED, 3 mm, 1.45 CD, Blue	MCL034SBLC

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