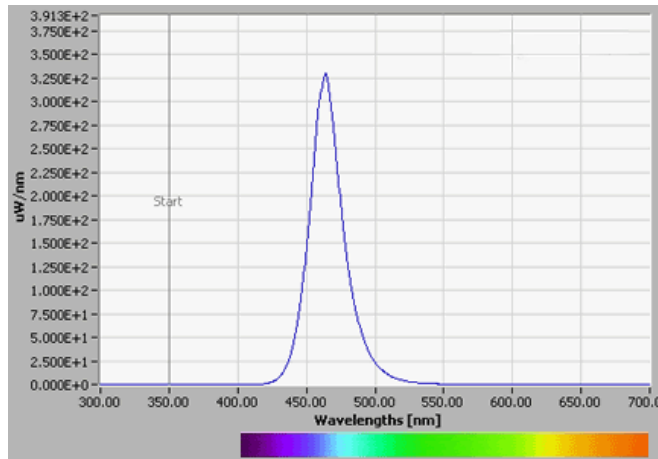




Abstract

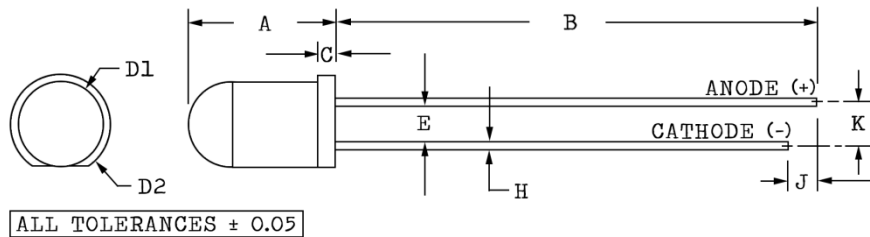
Extremely bright blue LED with a 5mm through hole. 5,550mcd. with 15 degree viewing angle.

Spectral Graph



Dimensional Schematic

	Millimeters	Inches
A	8.7	0.342
B	28.1	1.10
C	1	0.039
E	2	0.078
H	0.5	0.019
J	1.7	0.067
K	2.5	0.098
D1	∅ 5.8	∅ 0.228
D2	∅ 5	∅ 0.197



Specifications

Color	Blue
Forward Voltage	3.5V
Lens Color	Clear
Max. Fwd. Voltage	4V
Operating Temp.	-40 to +85 °C
Power Dissipation	120 mW
Reverse Voltage	5V
Total Pwr Consumption	0.07 Watts
Viewing Angle	15°
Continuous Fwd. Current	20
LED Package	5mm (T-1 3/4)
Lumen	0.3 Lumen
Millicandela	5500mcd
Peak Fwd. Current	50mA
Reverse Current	10µA
Storage Temperature	-40 to +85 °C
Tube Diameter	T1-3/4
Wavelength	470 nm

Characteristic Curvatures

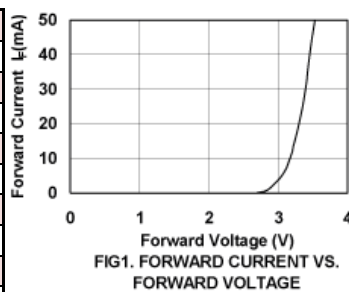


FIG1. FORWARD CURRENT VS. FORWARD VOLTAGE

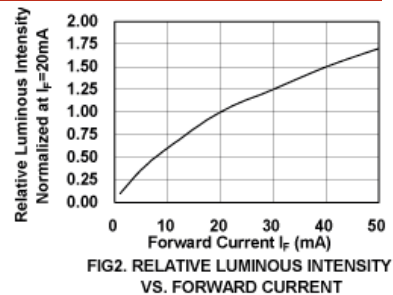


FIG2. RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT

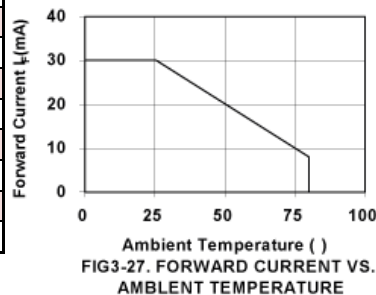


FIG3-27. FORWARD CURRENT VS. AMBIENT TEMPERATURE

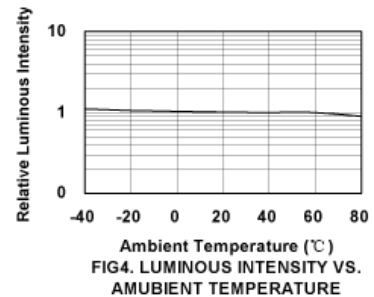


FIG4. LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE

Curves (cont.)

