

# LightBo

Electrical / Optical Characteristic

Code:LG Green (GaP)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage (Per dice)	Vf	If=20mA		1.8	2.3	V
Reverse Voltage (Per dice)	Vr	Ir=10uA		5		V
Luminous Intensity (Per dice)	Iv	If=10mA		0.5		mcd
Spectrum With Of Half Value	△	If=20mA		30		nm
Wavelength	D	If=20mA		570		nm
Peak Forward Current (Per dice) 1/10 Duty Cycle,0.1ms Pulse	Ifp			75		mA
Operating Temperature Range	Topr			- 35 °C to 85 °C		
Storage Temperature Range	Tstg			- 35 °C to 85 °C		
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260 °C						

Absolute Maximum Rating at Ta=25°C

Fig.1

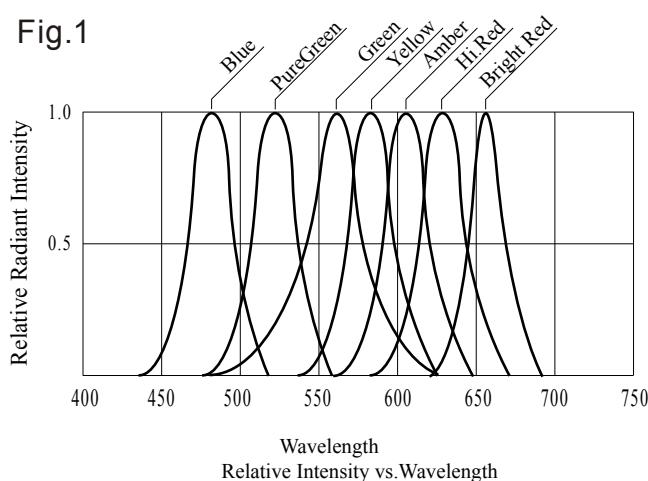


Fig.2

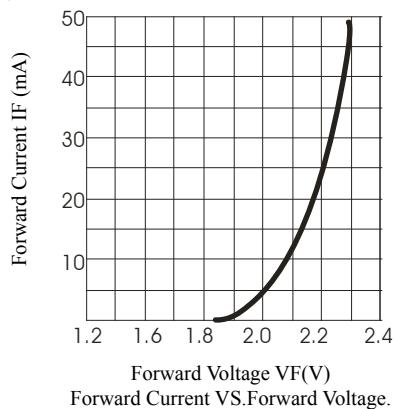


Fig.3

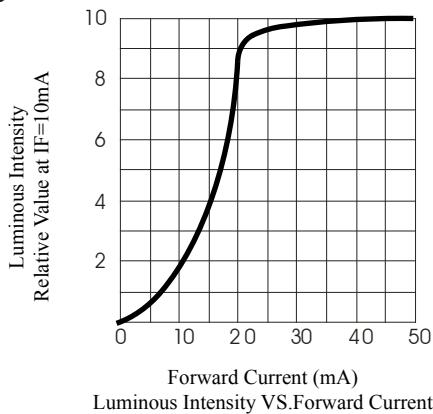
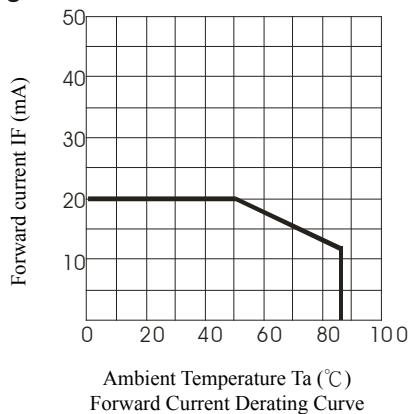


Fig.4



Notes: 1. All dimensions are in millimeter (inches), tolerance is 0.25 unless otherwise noted.  
2.Specifications are subject to change without notice.