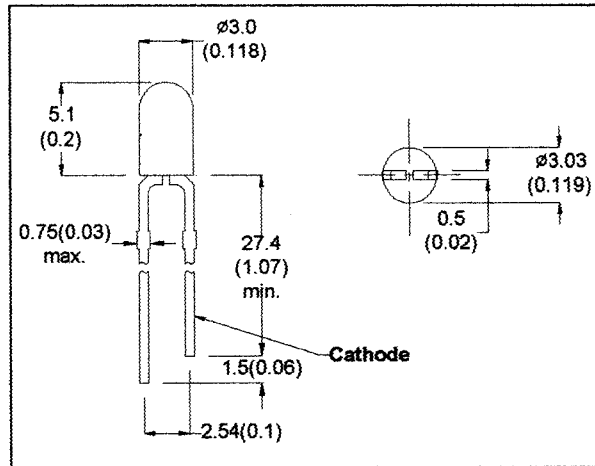


DESCRIPTION

MGB33C is green GaP & MYB33C is yellow GaAsP, high brightness LED lamp encapsulated in a 3mm diameter, MGB33C is green transparent lens and MYB33C is yellow transparent lens.



- All Dimension in mm (inch)
- No Scale
- Tol : +/- 0.3mm

ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ $T_a=25^\circ\text{C}$
 Forward Current, DC (IF)
 Reverse Voltage
 Operating & Storage Temperature Range
 Lead Soldering Temperature (1/16" from body)

MGB33C

90mW
 30mA
 5V
 -55 to +100°C
 260°C for 5 sec.

MYB33C

60mW
 20mA
 5V

ELECTRO-OPTICAL CHARACTERISTICS ($T_a=25^\circ\text{C}$)

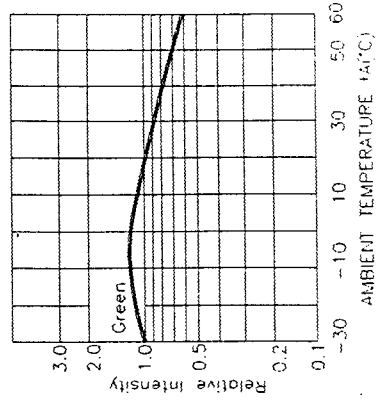
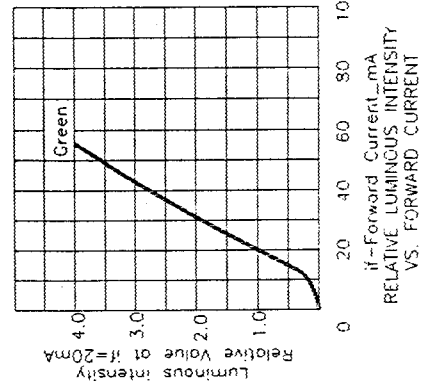
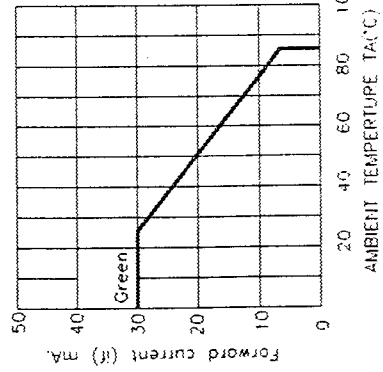
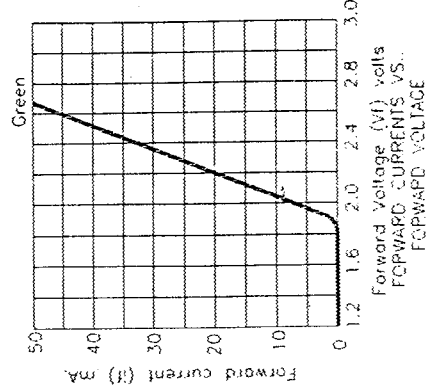
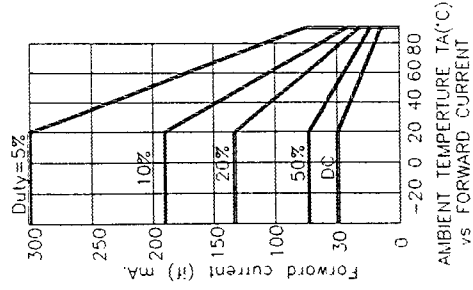
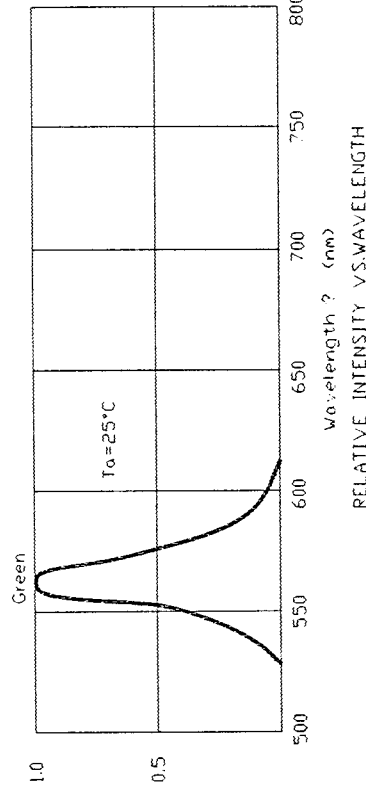
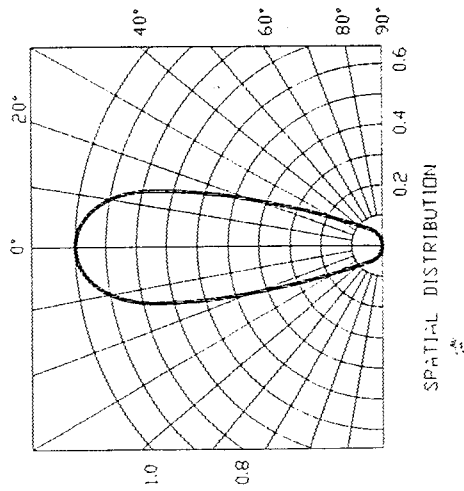
PARAMETER		SYMBOL	MGB33C	MYB33C	UNIT	CONDITIONS
Forward Voltage	MAX	VF	3.0	3.0	V	IF=20mA
Reverse Breakdown Voltage	MIN	BVR	5	5	V	IR=100 μ A
Luminous Intensity	MIN	IV	66	36	mcd	IF=20mA
	TYP		120	60	mcd	IF=20mA
Peak Wavelength	TYP	λ_p	570	585	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	30	35	nm	IF=20mA
Viewing Angle	TYP	2θ 1/2	40	40	degree	IF=20mA

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MGB33C



MYB33C

