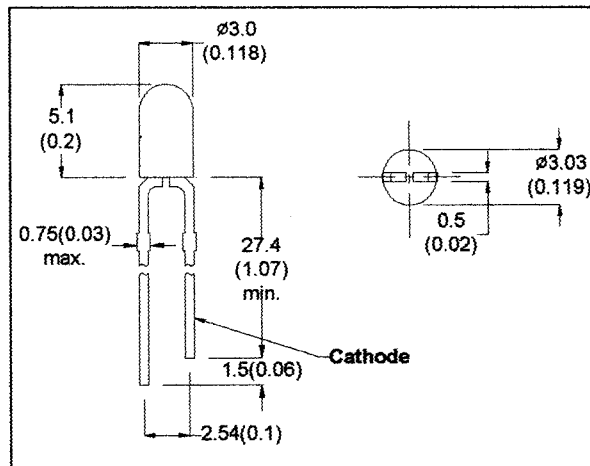


## DESCRIPTION

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 @Ta=25°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 (Ta=25°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 $\mu$ A
Luminous Intensity	MIN	IV	66	36	mcd	IF=20mA
	TYP		120	60	mcd	IF=20mA
Peak Wavelength	TYP	$\lambda_p$	570	585	nm	IF=20mA
Spectral Line Half Width	TYP	$\Delta\lambda$	30	35	nm	IF=20mA
Viewing Angle	TYP	2 $\theta$ 1/2	40	40	degree	IF=20mA

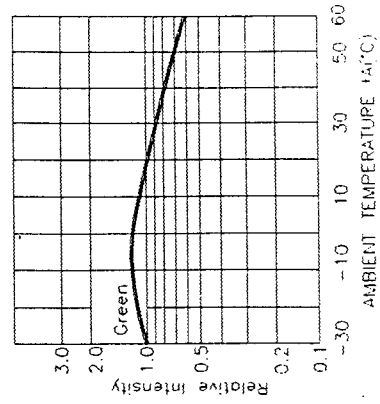
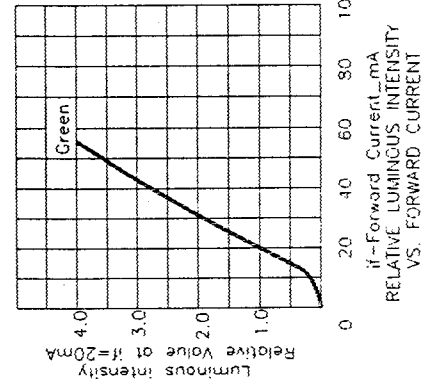
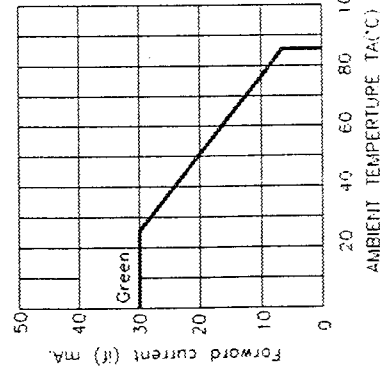
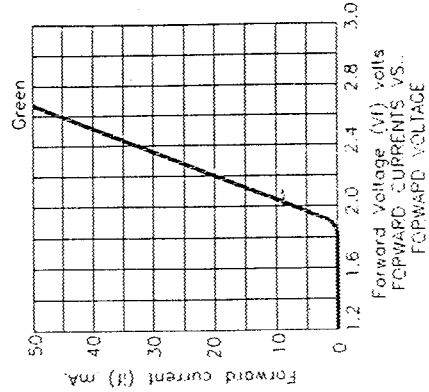
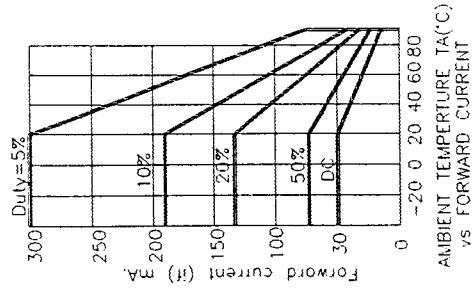
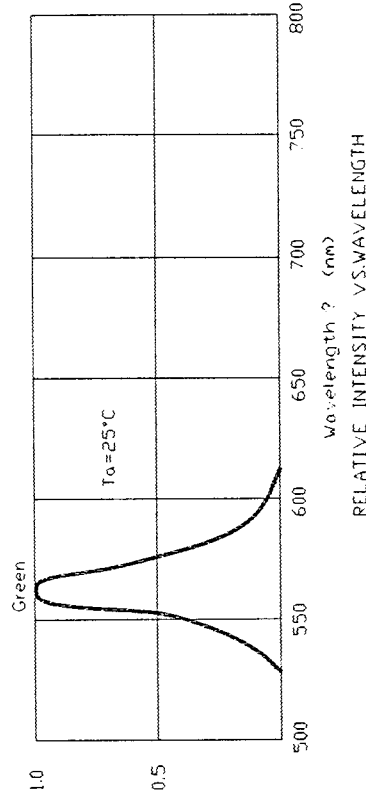
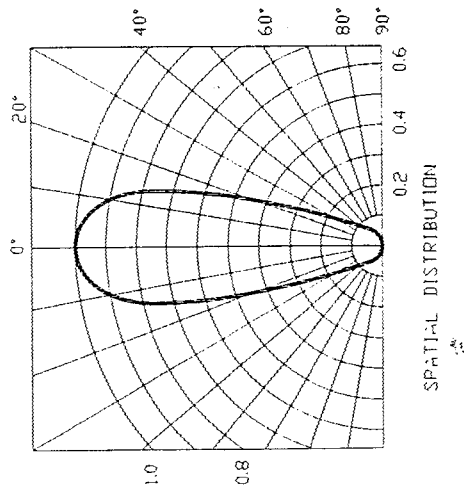
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May-97

# MGB33C



# MYB33C

