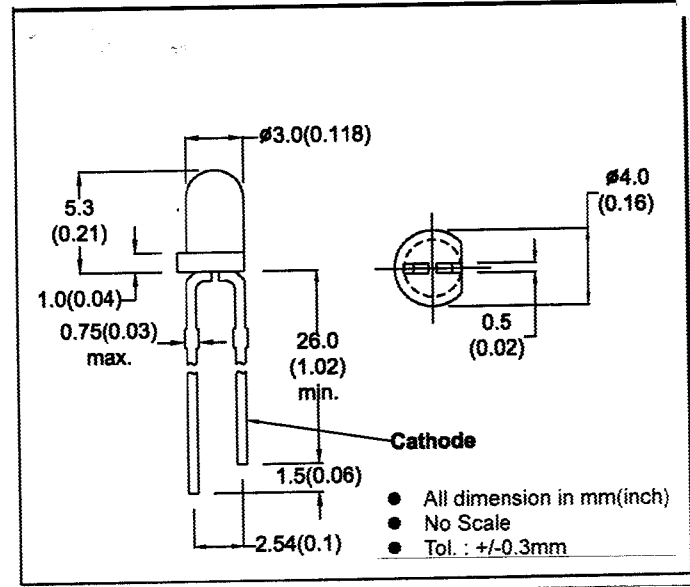


DESCRIPTION

MYB39CA is high efficiency yellow LED lamp encapsulated in a 3mm diameter, yellow transparent lens.



ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	60mW
Forward Current, DC (IF)	20mA
Reverse Voltage	5V
Operating & Storage Temperature Range	-55 to +100°C
Lead Soldering Temperature (1/16" from body)	260°C for 5 sec.

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

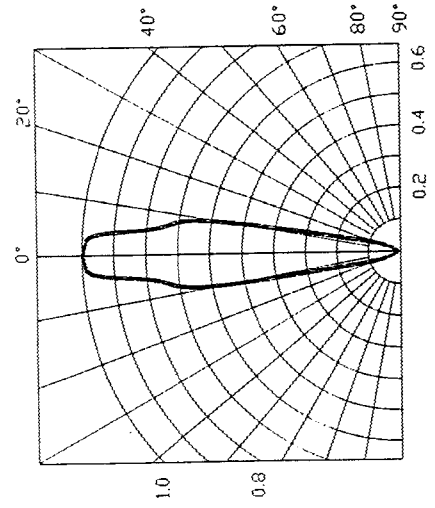
PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			3.0	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	50	100		mcd	IF=20mA
Peak Wavelength	λp		585		nm	IF=20mA
Spectral Line Half Width	Δλ		35		nm	IF=20mA
Viewing Angle	2θ 1/2		24		degree	IF=20mA



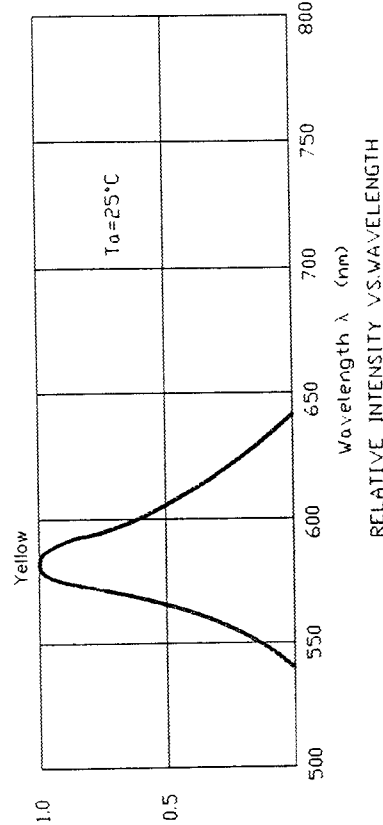
MICRO ELECTRONICS LTD.

38, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.
 Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex:43510 Micro Hx. Tel: 2343 0181-5

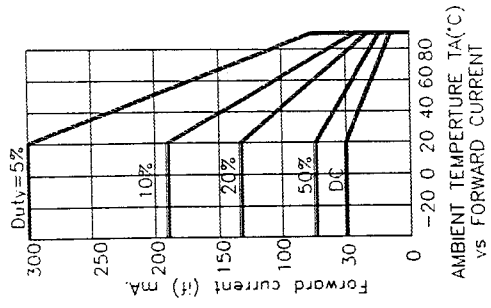
MYB39CA



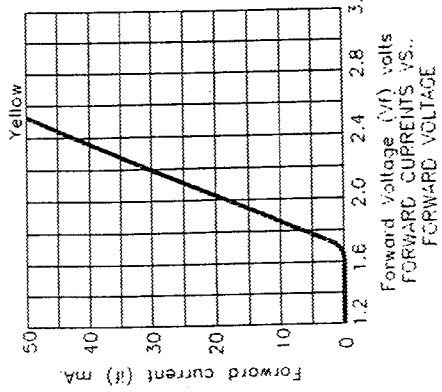
SPATIAL DISTRIBUTION



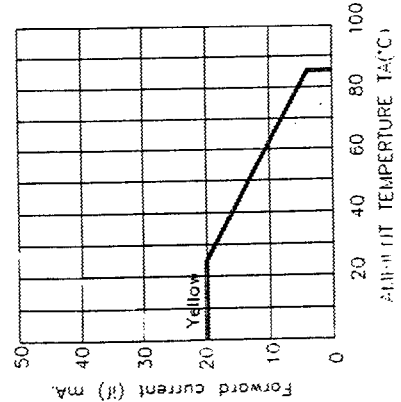
RELATIVE INTENSITY VS. WAVELENGTH



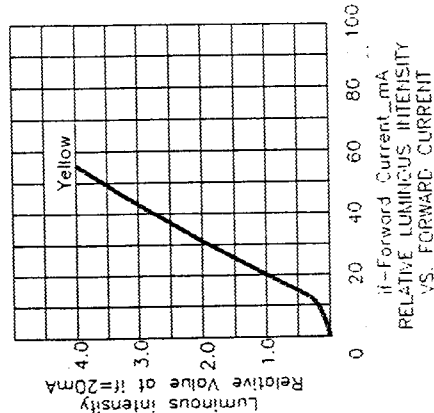
AMBIENT TEMPERATURE T_a ($^\circ\text{C}$) vs FORWARD CURRENT



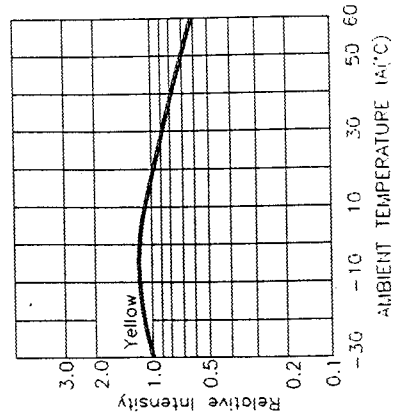
FORWARD VOLTAGE (Vf) volts vs. FORWARD CURRENTS vs. FORWARD VOLTAGE



AMBIENT TEMPERATURE T_a ($^\circ\text{C}$)



Relative LUMINOUS INTENSITY vs. FORWARD CURRENT



AMBIENT TEMPERATURE T_a ($^\circ\text{C}$)