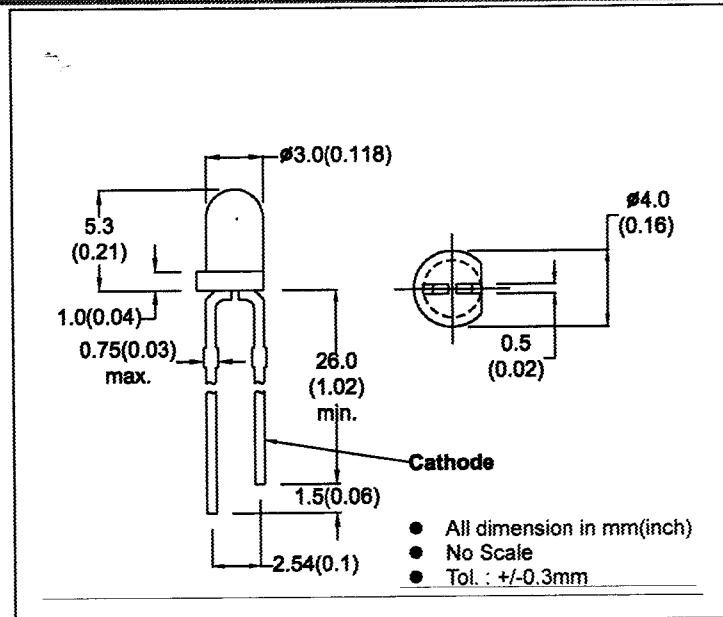


DESCRIPTION

MYE39TA is high efficiency GaAsP/GaP yellow LED lamp encapsulated in a 3mm diameter clear 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 CHARACTERISTIC (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	45	100		mcd	IF=20mA
Peak Wavelength	λp		585		nm	IF=20mA
Spectral Line Half Width	Δλ		40		nm	IF=20mA
Viewing Angle	2θ 1/2		12		degree	IF=20mA

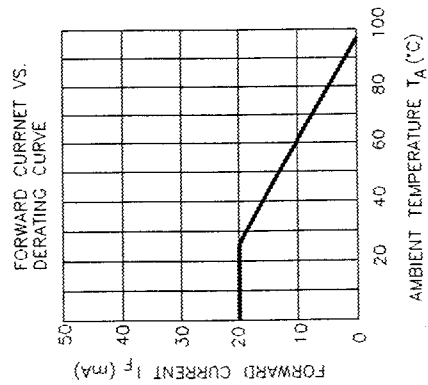
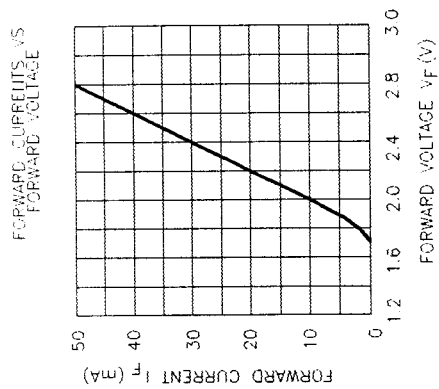
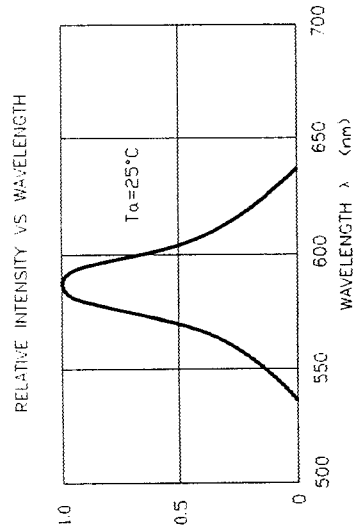
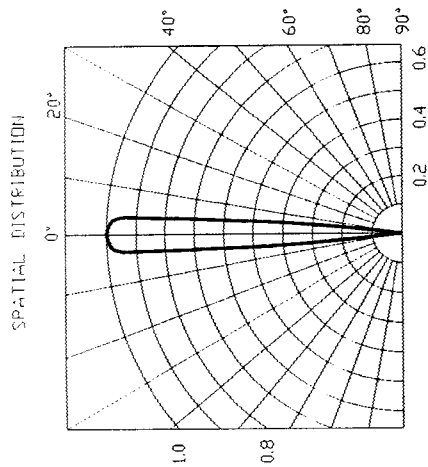


MICRO ELECTRONICS LTD.

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

MYE39TA



RELATIVE LUMINOUS INTENSITY
(NORMALIZED AT 20 mA)

