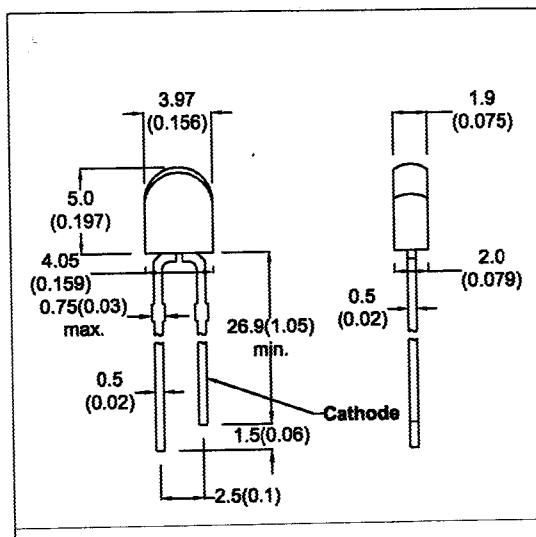


DESCRIPTION

MGB79TA is a high efficiency green LED lamp encapsulated in a 1.9mm x 3.97mm round rectangular bar epoxy package with clear 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 Temperature

100mW

30mA

5V

-55 to +100°C

260°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF			3	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100μA
Luminous Intensity	IV	35	45		mcd	IF=20mA
Peak Wavelength	λp		570		nm	IF=20mA
Spectral Line Half Width	Δλ		35		nm	IF=20mA

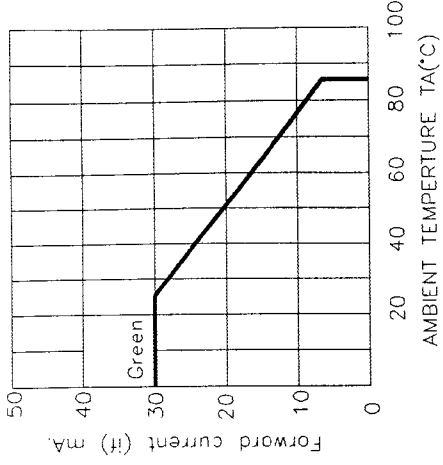
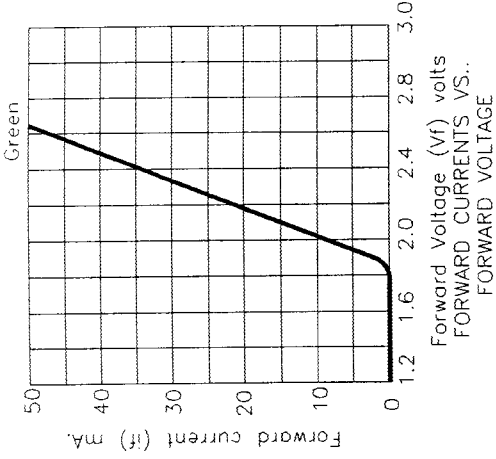
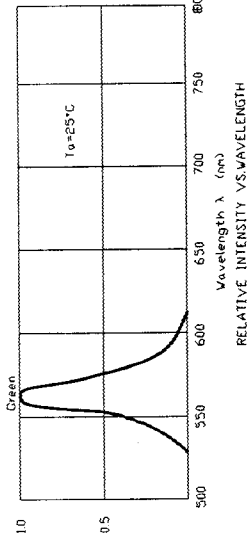
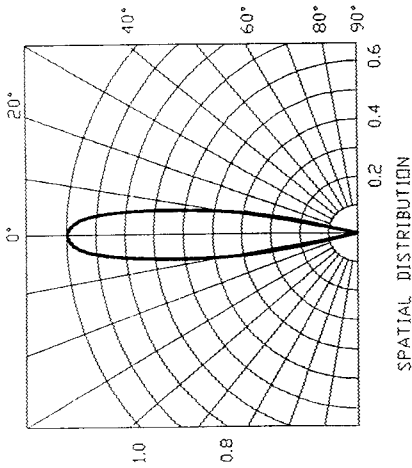


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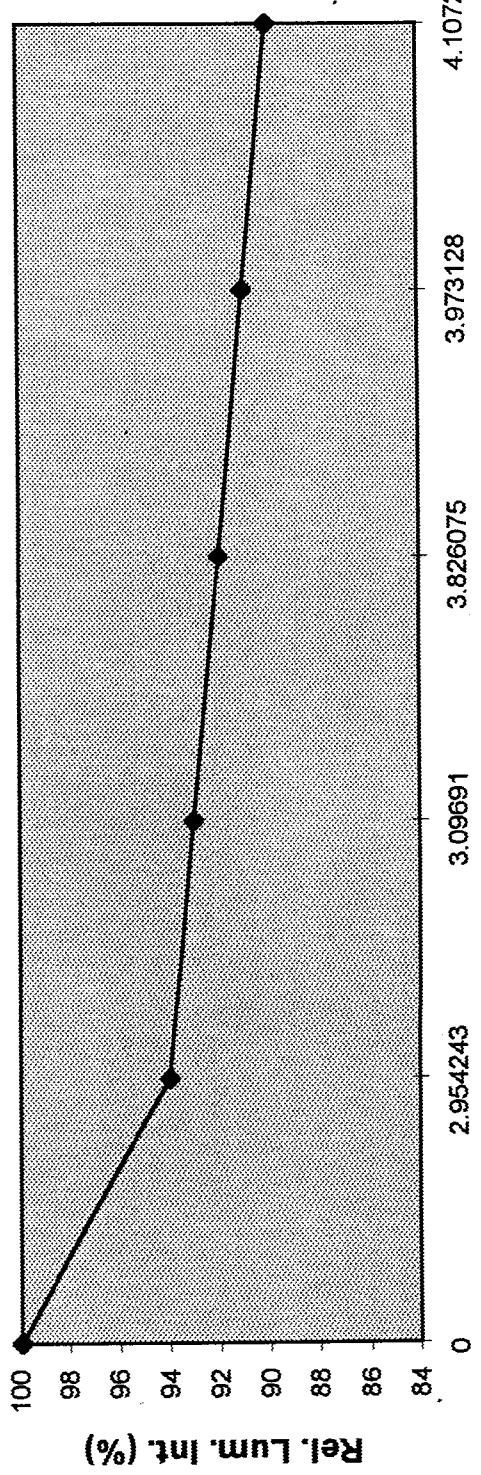
33, Hung To Road, Microtron Building, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. Box 69477 Hong Kong. Fax No. 2341 0321 Telex: 43510 Micro Hx. Tel: 2343 0181-5

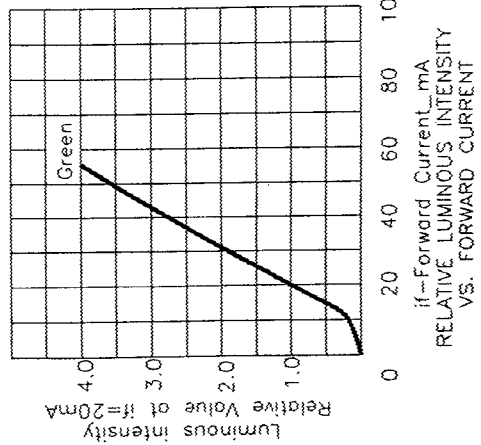
MGB79TA



Life Test Curve



Test Condition :
If = 25 mA, Ta = 25 C



if = Forward Current mA
RELATIVE LUMINOUS INTENSITY
VS. FORWARD CURRENT