

# MICRO

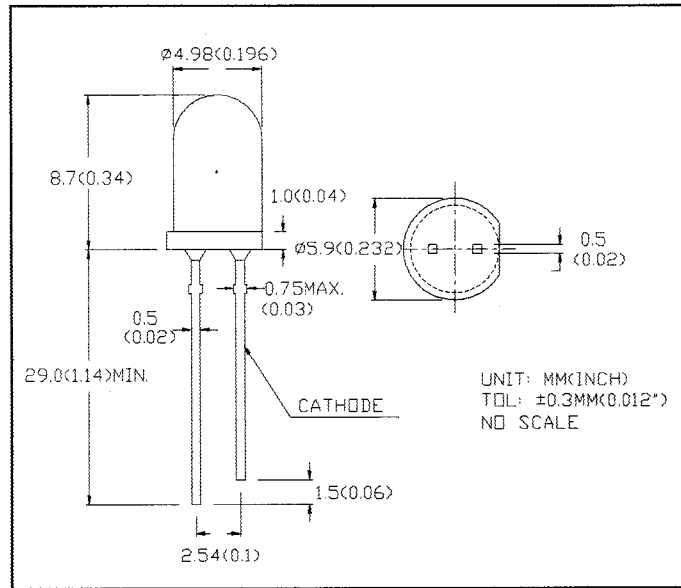
ELECTRONIC

ULTRA HIGH  
BRIGHTNESS

WHITE LED LAMP

## DESCRIPTION

MWB51TA-(4U) is an ultra high brightness GaN WHITE LED lamp encapsulated in a 5mm diameter clear transparent lens.



## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	125mW
Forward Current, DC (IF)	30mA
Reverse Voltage	5V
Operating Temperature Range	-20 to +80°C
Storage Temperature Range	-30 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		3.5	4.5	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=50μA
Luminous Intensity	IV	2500	5500		mcd	IF=20mA
Chromaticity Coordinates	x		0.30			IF=20mA
	y		0.30			IF=20mA
Viewing Angle	2θ 1/2		20		degree	IF=20mA

## CAUTION

Static electricity does damage these product. Take preventive measures in handling.

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

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