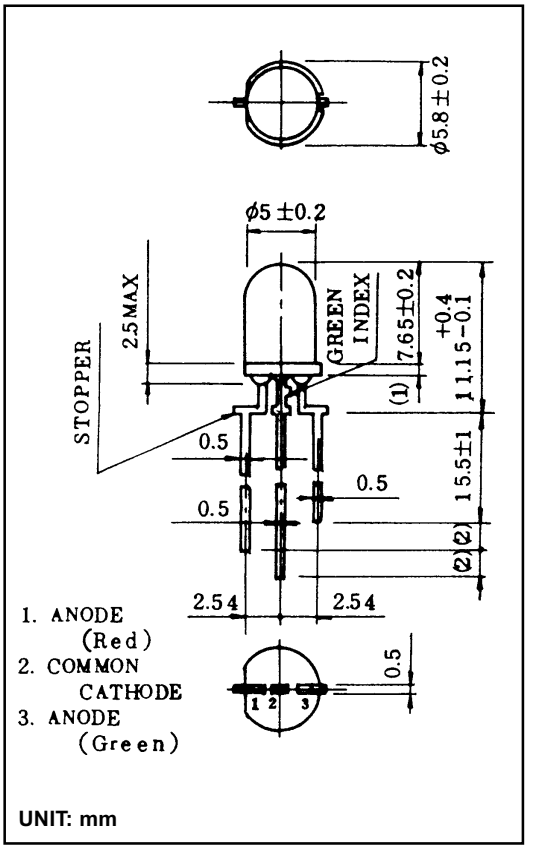
Tri-State LED Lamp

TLSG116

Product Features -

- **Red/Green Three Lead Device**
- **T1¾ (5 mm) Package**
- **White Diffused Lens**



MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current	I_F	25	mA
Reverse Voltage	V_R	4	V
Power Dissapation	P_D	75	mW
Operating Temperature	T_{opr}	-20 ~ 75	°C
Storage Temperature	T_{stg}	-30 ~ 100	°C

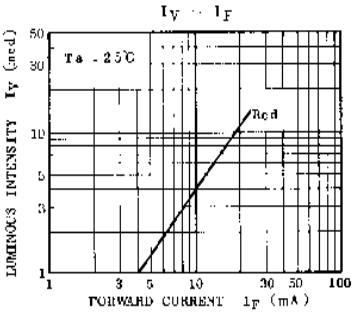
OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

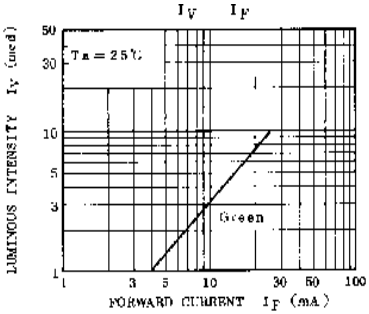
CHARACTERISTIC		SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	Red	V_F	IF = 20mA	—	2.15	2.8	V
	Green			—	2.05	2.8	
Reverse Current		I_R	VR = 4V	—	—	100	μA
Luminous Intensity	Red	I_V	IF = 20mA	2	10	—	mcd
	Green			2	7	—	
Peak Wavelength	Red	λ_p	IF = 20mA	—	635	—	nm
	Green			—	565	—	
Spectral Line Half Width	Red	$\Delta\lambda$	IF = 20mA	—	40	—	nm
	Green			—	25	—	

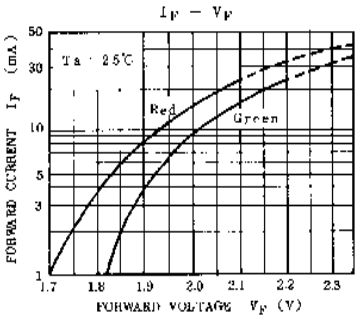
marktech optoelectronics
5 Hemlock Street • Latham, New York 12110
Toll Free: **(800) 98-4LEDS** • Fax: (518) 786-6599

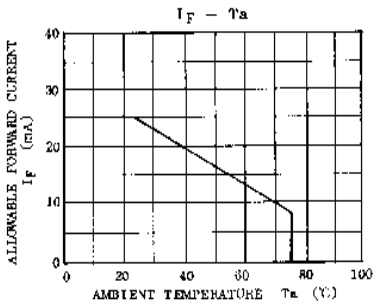
All specifications subject to change.

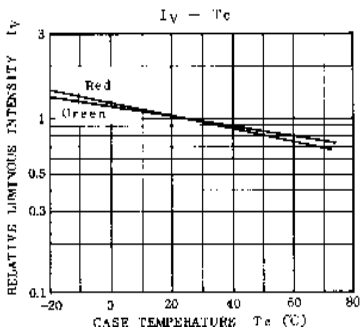
TLSG116 Graphs -

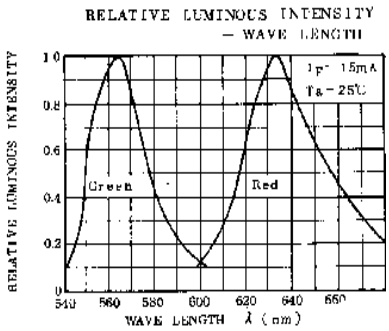












marktech optoelectronics
5 Hemlock Street • Latham, New York 12110
Toll Free: **(800) 98-4LEDS** • Fax: (518) 786-6599

All specifications subject to change.