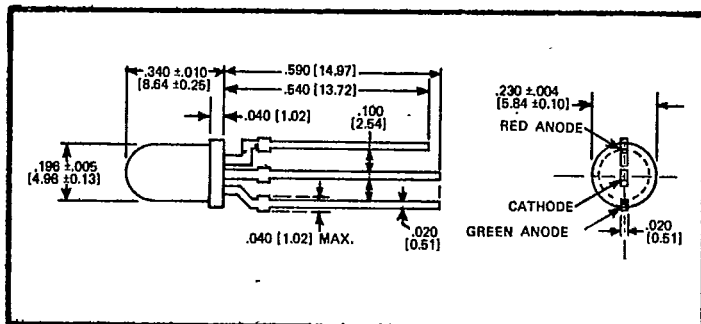




Tricolor Red, Green, Yellow GaP Solid State LED Lamp 521-9354



[] Metric dimension in mm.

Features

- High luminous intensity
- Low power consumption – IC compatible
- Vibration and shock resistant
- Solid state reliability – life measured in years
- T-1 $\frac{3}{4}$ type package

The 521-9354 tricolor LED is a 3-leaded device that incorporates two LED chips.

Red light is emitted when the cathode is grounded and the red anode is high. Green is similarly obtained by sourcing the green anode. Yellow is produced when both the red and the green anodes are high.

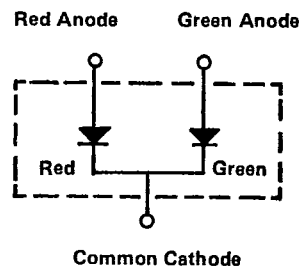
By varying the current through either the red or green circuit, using current limiting resistors, other colors in the spectrum between red and green can be produced.

Electrical/Optical Characteristics at 25°C

Characteristics		Min.	Typical	Max.	Units	Conditions
Forward Voltage	Red		1.9	2.4	V	IF=5mA
	Green		2.1	2.8	V	IF=20mA
Luminous Intensity	Red	0.25	1.2		mcd	IF=5mA
	Green	0.5	2.0		mcd	IF=20mA
Peak Wavelength	Red		700		nm	
	Green		565		nm	

Absolute Maximum Ratings

Power Dissipation	Red	70mW
	Green	70mW
Operating Temperature	-25°C to +80°C	
Storage Temperature	-30°C to +85°C	
Continuous Forward Current	Red	25mA
	Green	25mA
Peak Reverse Voltage	3V	



Dialight reserves the right to make changes at anytime in order to improve design and to supply the best product possible.