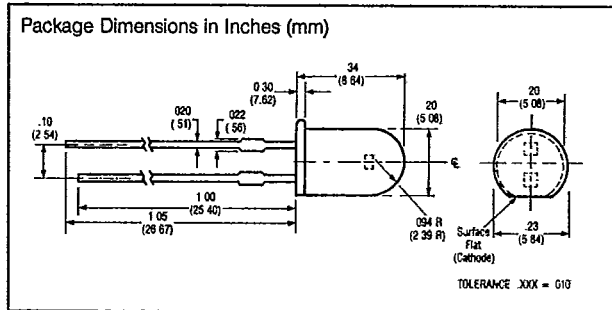
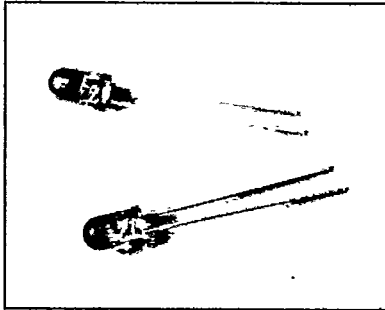


**SIEMENS**

T-41-21

**HIGH EFFICIENCY RED LS5421-MO/-PO/-QO**  
**YELLOW LY5421-MO/-PO/-QO**  
**GREEN LG5411-LO/-NO/-PO**  
**SUPERBRIGHT T1¾ LED LAMPS**



**FEATURES**

- High Light Output
- New Lens to Optimize Output
- 20° Viewing Angle
- HER Lamp, Orange Tinted Lens  
 Yellow Lamp, Yellow Tinted Lens  
 Green Lamp, Water Clear Lens
- 1" Lead Length

**Maximum Ratings**

Power Dissipation (T <sub>amb</sub> = 25°C)	.....	150 mW
Storage and Operating Temperature	.....	-55 to +100°C
Continuous Forward Current	.....	45 mA
Reverse Voltage	.....	5 V
Surge Current (t ≤ 10 μs)	.....	1 A

**Electrical/Optical Characteristics (T<sub>amb</sub> = 25°C)**

	Min	Typ	Max	Unit	Test Condition
Luminous Intensity					
HER, Yellow (-MO)	16	40		mcd	I <sub>F</sub> = 10 mA
HER, Yellow, Green (-PO)	40	60		mcd	I <sub>F</sub> = 10 mA
HER, Yellow (-QO)	63	100		mcd	I <sub>F</sub> = 10 mA
Green (-LO)	10	40		mcd	I <sub>F</sub> = 10 mA
Green (-NO)	25	40		mcd	I <sub>F</sub> = 10 mA
Peak Wavelength					
HER		635		nm	I <sub>F</sub> = 10 mA
Yellow		590		nm	I <sub>F</sub> = 10 mA
Green		560		nm	I <sub>F</sub> = 10 mA
Half Angle		20		Deg.	
Forward Voltage		2.2	3.0	V	I <sub>F</sub> = 10 mA
Reverse Current I <sub>R</sub>		0.1	100	μA	I <sub>R</sub> = 5 V

**DESCRIPTION**

The 5421/5411 series are superbright T1¾ LED lamps. Improvements in materials and optimization of lens and reflectors have resulted in a dramatic increase in luminous intensity.

See graph numbers 1B, 2N, 3I, 4F, 5C, 6E, 7E, 8A, 9A, 10B on pages 4-27 - 4-34.