



GL5UR2K (Red) /GL5UR2KI (Red)

Electro-optical Characteristics

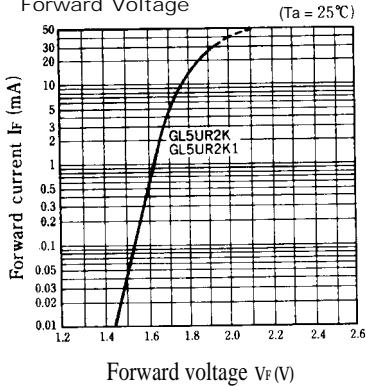
(Ta=25°C)

Parameter	Symbol	Model No.	Conditions	MIN.	TYP.	MAX.	Unit
Forward voltage	V <sub>F</sub>	GL5UR2K	I <sub>F</sub> = 20mA	—	1.85	2.50	V
		GL5UR2K1	I <sub>F</sub> = 20mA	—	1.85	2.50	
※3 Luminous intensity	I <sub>v</sub>	GL5UR2K	I <sub>F</sub> = 20mA	1400	2000	—	mcd
		GL5UR2K1	I <sub>F</sub> = 20mA	1400	2000	—	
Peak emission wavelength	λ <sub>p</sub>	GL5UR2K	I <sub>F</sub> = 20mA	—	660	—	‘m
		GL5UR2K1	I <sub>F</sub> = 20mA	—	660	—	
Spectrum radiation bandwidth	Δλ	GL5UR2K	I <sub>F</sub> = 20mA	—	20	—	‘m
		GL5UR2K1	I <sub>F</sub> = 20mA	—	20	—	
Reverse current	I <sub>R</sub>	GL5UR2K	V <sub>R</sub> = 3V	—	—	100	μA
		GL5UR2K1	V <sub>R</sub> = 3V	—	—	100	
Terminal capacitance	C <sub>t</sub>	GL5UR2K	V = 0V f = 1MHz	—	25	—	pF
		GL5UR2K1	V = 0V f = 1MHz	—	25	—	
Response frequency	f <sub>c</sub>	GL5UR2K	—	—	8	—	MHz
		GL5UR2K1	—	—	8	—	

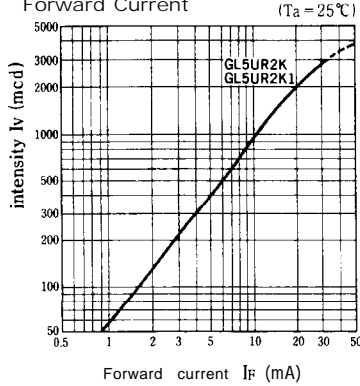
※3 Tolerance: ±30%

Characteristics Diagrams

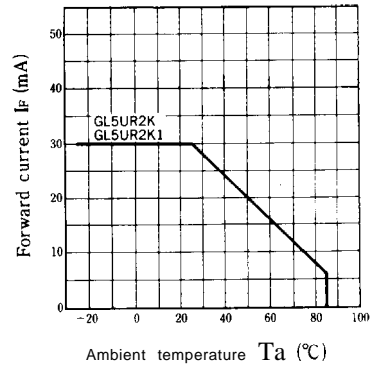
Forward Current vs. Forward Voltage



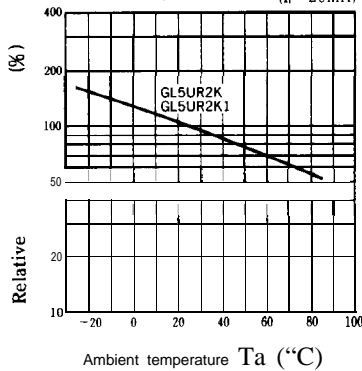
Luminous Intensity vs. Forward Current



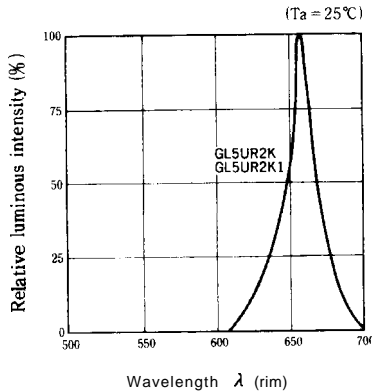
Forward Current Derating Curve



Relative Luminous Intensity vs. Ambient Temperature



Spectrum Distribution



Radiation Diagram

