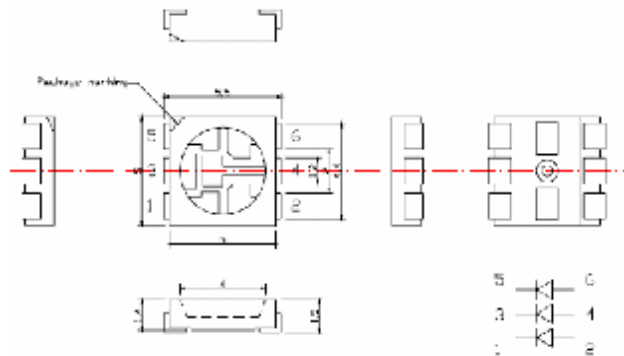


**Typical Electrical-Optical Characteristics at Ta = 25°C, IF=20mA**

Part No.	Size	Viewing Angle(deg)	Package Type	Emitting Color	Dominant Wavelength (nm)	Luminous Intensity (mcd)		Forward Voltage(V)		Package
						Min.	Typ.	Typ.	Max.	
RC-S5050RC-XX	5.5*5.0*1.5mm	120	TOP	Red	630-645	800	1300	2.0	2.4	1000
RC-S5050YC-XX	5.5*5.0*1.5mm	120	TOP	Yellow	580-595	900	1400	2.0	2.4	1000
RC-S5050GC-XX	5.5*5.0*1.5mm	120	TOP	Green	510-530	1100	2100	3.2	3.4	1000
RC-S5050BC-XX	5.5*5.0*1.5mm	120	TOP	Blue	450-480	350	500	3.2	3.4	1000
RC-S5050WC-XX	5.5*5.0*1.5mm	120	TOP	White		3000	4500	3.2	3.4	1000
RC-S5050RGC-XX	5.5*5.0*1.5mm	120	TOP	Red	630-645	250	500	2.0	2.4	1000
				Green	510-530	400	900	3.2	3.4	1000
				Blue	450-480	100	200	3.2	3.4	1000

**Outline Dimension(mm)**



**Optical-Electrical Characteristics**

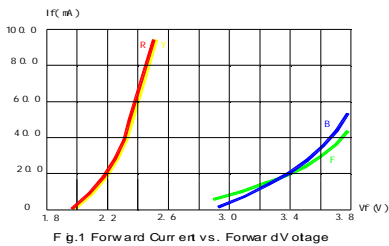


Fig.1 Forward Current vs. Forward Voltage

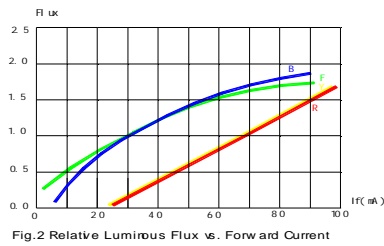


Fig.2 Relative Luminous Flux vs. Forward Current

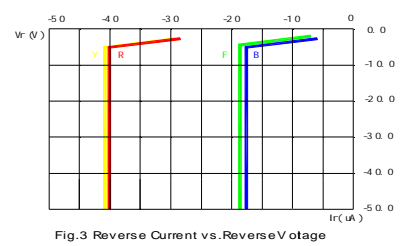


Fig.3 Reverse Current vs. Reverse Voltage

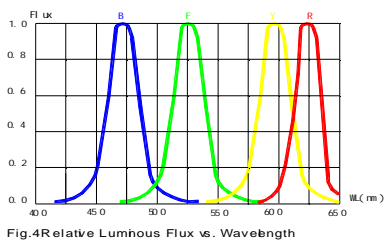


Fig.4 Relative Luminous Flux vs. Wavelength

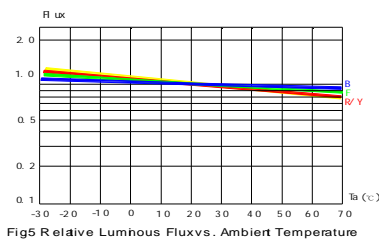


Fig.5 Relative Luminous Flux vs. Ambient Temperature

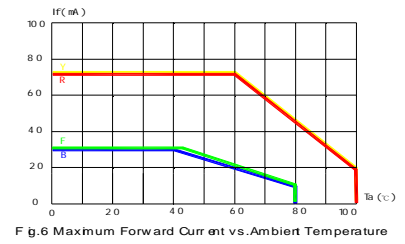


Fig.6 Maximum Forward Current vs. Ambient Temperature

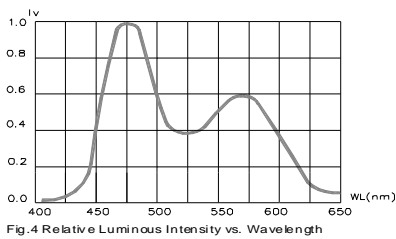


Fig.4 Relative Luminous Intensity vs. Wavelength

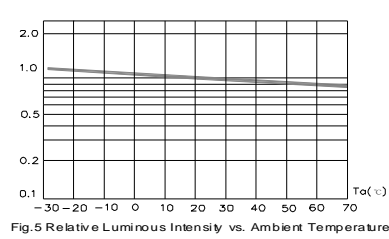


Fig.5 Relative Luminous Intensity vs. Ambient Temperature

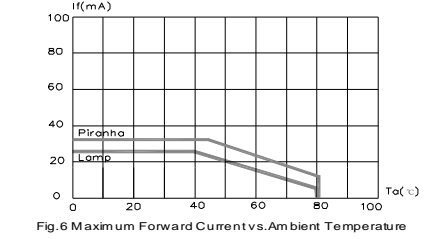


Fig.6 Maximum Forward Current vs. Ambient Temperature