

● **Electrical / Optical Characteristics at TA=25°C**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	ƒR	40	45	50	Lm	IF=350mA
	ƒG	60	65	70	Lm	IF=350mA
	ƒB	10	15	20	Lm	IF=350mA
Viewing Angle	2θ1/2	110	120	130	deg	IF=350mA
Dominant Wavelength	WL	620	625	630	nm	IF=350mA
	WL	515	520	525	nm	IF=350mA
	WL	460	465	470	nm	IF=350mA
Forward Voltage	VFR	2.2	2.4	2.6	v	IF=350mA
	VFG	3.2	3.4	3.6	v	IF=350mA
	VFB	3.2	3.4	3.6	v	IF=350mA
Reverse Current	IR	0		10	uA	IF=350mA

● **Absolute Maximum Ratings at TA=25°C**

Parameter	Maximum Rating
Power Dissipation	1W
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	700mA
Continuous Forward Current	350mA
Derating Linear From 30°C	0.07mA/°C
Reverse Voltage	5V
Operating Temperature Range	-20°C to +80°C
Storage Temperature Range	-30°C to +100°C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds

