

■ Absolute maximum ratings($T_a=25\text{ }^\circ\text{C}$)

Parameter	MAX.	Unit
Power Dissipation	75	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-40°C to +100°C	

■ Electrical and optical characteristics($T_a=25\text{ }^\circ\text{C}$)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I_v	-	450	-	mcd	$I_F=20\text{mA}$
Viewing Angle	$2\theta_{1/2}$	-	30	-	Deg	
Peak Emission Wavelength	λ_p	-	590	-	nm	
Dominant Wavelength	λ_d	582	587	591	nm	
Spectral Line Half-Width	$\Delta\lambda$	-	20	-	nm	
Forward Voltage	V_F	1.9	2.0	2.1	V	
Reverse Current	I_R			10	μA	$V_R=5\text{V}$