

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Term	Min	Typ.	Max.	Units	Test Conditions
I _v	Luminous Intensity	BL0101-15-33	SR	1500	2200	-	mcd	I _F =20mA
			SG	900	1700	-	mcd	I _F =20mA
21θ/2	Viewing Angle		-	-	40	-	deg	-
V _F	Forward Voltage		SR	-	13	17.5	V	I _F =20mA
			SG	-	17.6	20	V	I _F =20mA
λ _P	Peak wavelength		SR	-	660	-	nm	I _F =20mA
			SG	-	565	-		I _F =20mA
λ _D	Dominate Wavelength		SR	-	640	-	nm	I _F =20mA
			SG	-	568	-		I _F =20mA
Δλ _{1/2}	Spectral Line Half-width		SR	-	20	-	nm	I _F =20mA
			SG	-	30	-		I _F =20mA
I _R	Reverse Current			-	-	-	20	uA

Absolute Maximum Ratings at T_A=25°C

parameter	Value		unit
	SR	SG	
Power dissipation	800		mW
DC Forward Current	30	25	mA
Reverse Voltage	5		V
Operating temperature	-40~+70		°C
Storage Temperature	-40~+85		°C