

FEATURES

- Colorless transparency lens type
- $\Phi 5\text{mm}$ (T-1 3/4) All plastic mold type.
- High luminosity.
- Versatile mounting on P.C.Board or panel.
- Remark

Pure Green LED is very sensitive to eds.

ELECTRO-OPTICAL CHARACTERISTICS

(Ta=25℃)

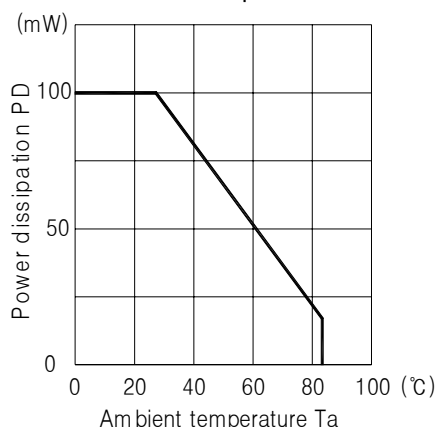
Item		Symbol	Cond.	Min.	Typ.	Max.	Unit
Luminous Intensity Rank	A	I _v	IF=20mA	4800	—	6700	mcd
	B			6700	—	9400	
	C			9400	—	13000	
Forward Voltage		VF	IF=20mA	3.0	3.5	4.0	V
Peak Wavelength		λ_d	IF=20mA	520	525	530	nm
Reverse Current		IR	VR=5V	—	—	10	μA
Spectral Line Half-Width		$\Delta \lambda$	IF=20mA		35		nm
Half angle		$\Delta \theta$	IF=20mA		± 9		deg.

MAXIMUM RATINGS

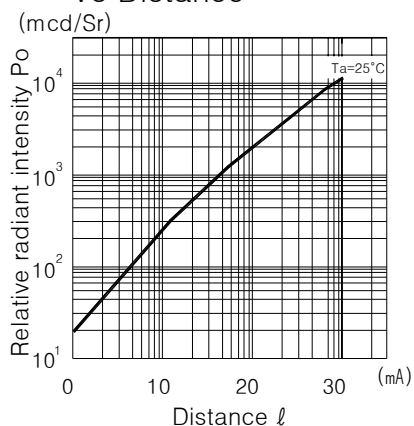
(Ta=25℃)

Item	Symbol	Rating	Unit
Power Dissipation	Pd	100	mW
Forward Current	IF	25	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	IFP	50	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr.	-25 ~ +85	℃
Storage Temperature	Tstg.	-30 ~ +100	℃
Soldering Temperature	Tsol.	260 for 3sec.	℃

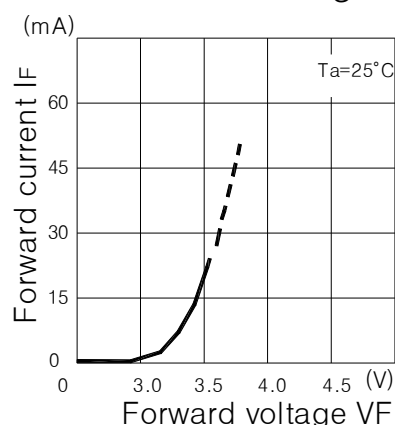
■ Power dissipation Vs Ambient temperature



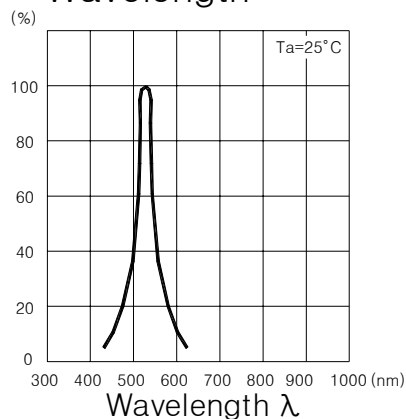
■ Relative radiant intensity Vs Distance



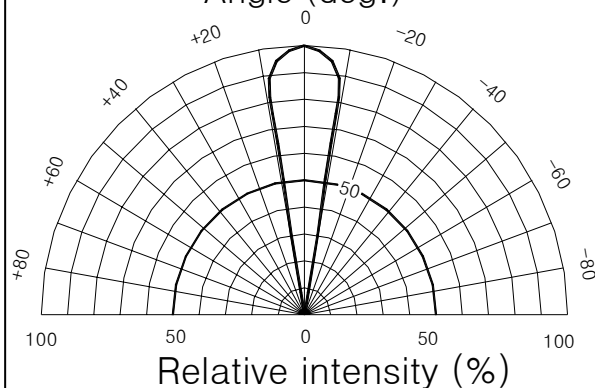
■ Forward current Vs Forward voltage



■ Relative intensity Vs Wavelength



■ Radiant Pattern



■ DIMENSIONS (Unit:mm)

