

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

Yellow LED is very sensitive to eds.

ELECTRO-OPTICAL CHARACTERISTICS

(Ta=25℃)

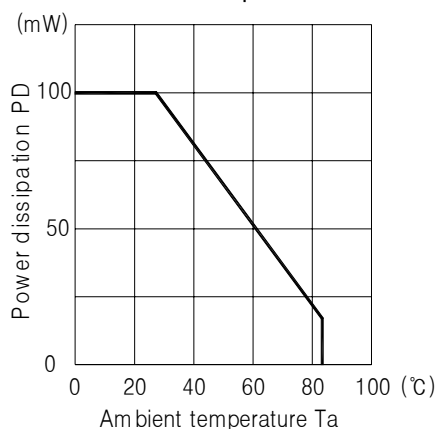
Item		Symbol	Cond.	Min.	Typ.	Max.	Unit
Luminous Intensity Rank	A	I _v	IF=20mA	2400	—	3400	mcd
	B			3400	—	4800	
	C			4800	—	6700	
Forward Voltage		VF	IF=20mA		2.0	2.4	V
Peak Wavelength		λ_d	IF=20mA	586	589	592	nm
Reverse Current		IR	VR=5V	—	—	10	μA
Spectral Line Half-Width		$\Delta \lambda$	IF=20mA		15		nm
Half angle		$\Delta \theta$	IF=20mA		± 9		deg.

MAXIMUM RATINGS

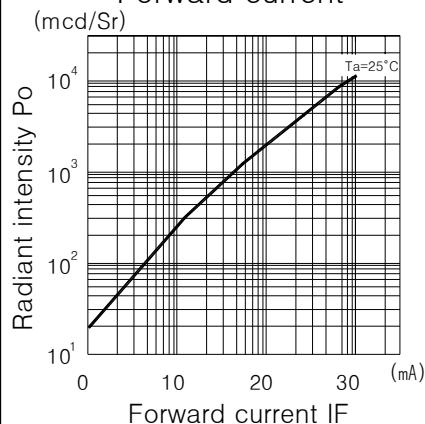
(Ta=25℃)

Item	Symbol	Rating	Unit
Power Dissipation	Pd	100	mW
Forward Current	IF	30	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.	℃

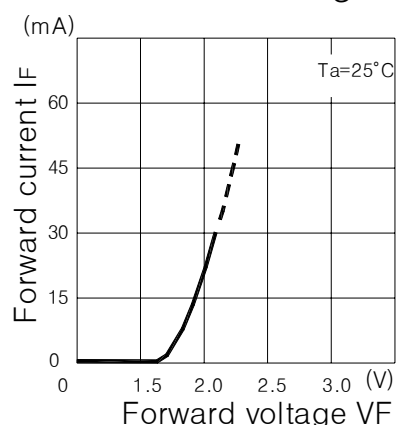
■ Power dissipation Vs Ambient temperature



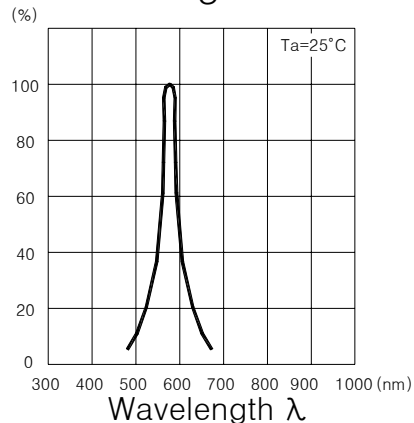
■ Radiant intensity Vs Forward current



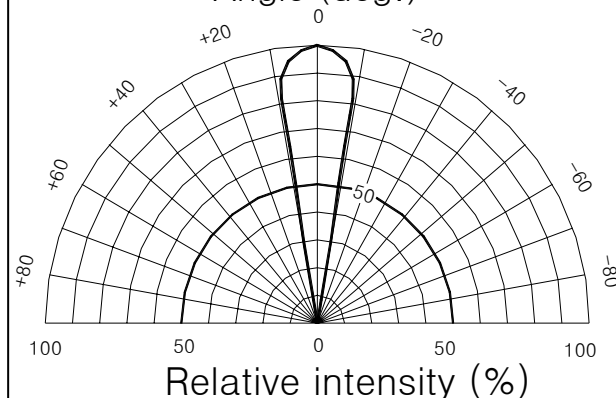
■ Forward current Vs Forward voltage



■ Relative intensity Vs Wavelength



■ Radiant Pattern



■ DIMENSIONS (Unit:mm)

