

**Characters**

- § 2.8mmx3.5mm SMT LED, 1.9mm THICKNESS.
- § LOW POWER CONSUMPTION.
- § VIEWING ANGLE 120°.
- § VARIOUS COLORS AND LENS TYPES AVAILABLE.
- § PACKAGE: 2000 PCS/REEL.

ITEM	MATERIALS
Resin(Mold)	Silicon
Lens Color	Water Transparent
Dice	AlGaInP
Emitted color	Yellow

**Absolute Maximum Ratings (Ta=25°C)**

Item	Symbol	Value	Unit
Power Dissipation/DICE	PD	120	mW
DC Forward Current/DICE	IF	30	mA
Single Chip Pulsed Forward Current	IFP	100※	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-30 ~ +80■	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Soldering Temperature	Tsol	260for5sec△	°C

**Electrical-Optical Characteristics (Ta=25°C)**

Parameter	Symbol	Value			Unit	Test condition
		Min.	Typ.	Max.		
Forward Voltage	Vf	1.7	2.0	2.4	V	If=20mA
Luminous intensity	Iv	600	700	...	mcd	If=20mA
Wavelength	λ d	585		597	(nm)	If=20mA
Reverse Current	Ir	...	...	10	μA	Vr=5V
Viewing angle	2 θ 1/2	...	120	...	Deg	If=20mA

Fig.1 IF-VF(Ta=25°C)

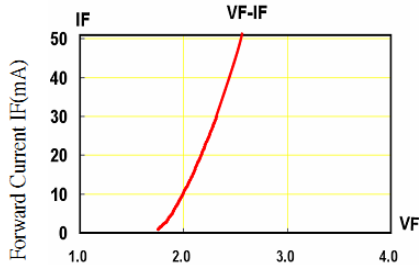


Fig.2 Relative Luminous Intensity-IF (Ta=25°C)

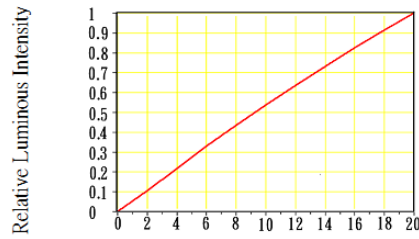


Fig.3 Wavelength Characteristics (Ta=25°C)

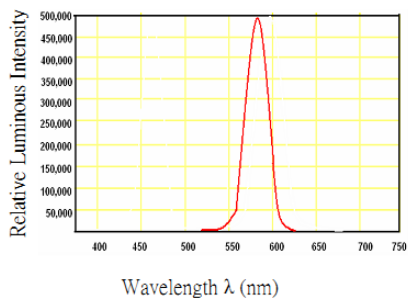


Fig.4 Relative Luminous Intensity-Ta

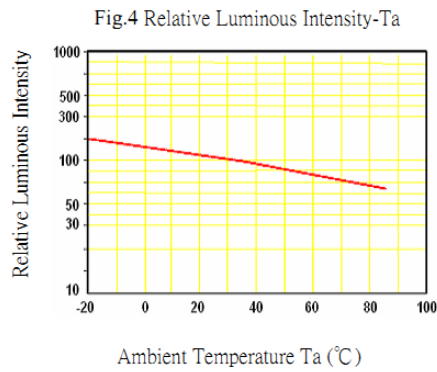
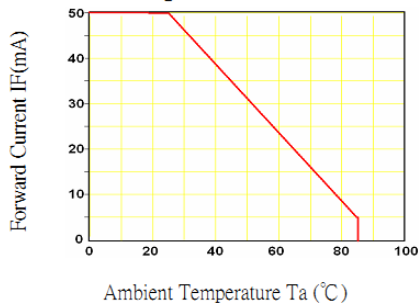
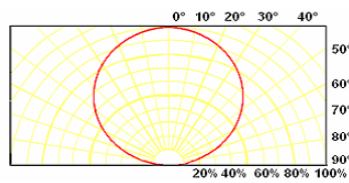


Fig.5 IF-Ta



Directive Characteristics (Ta=25°C)



**kwality**

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