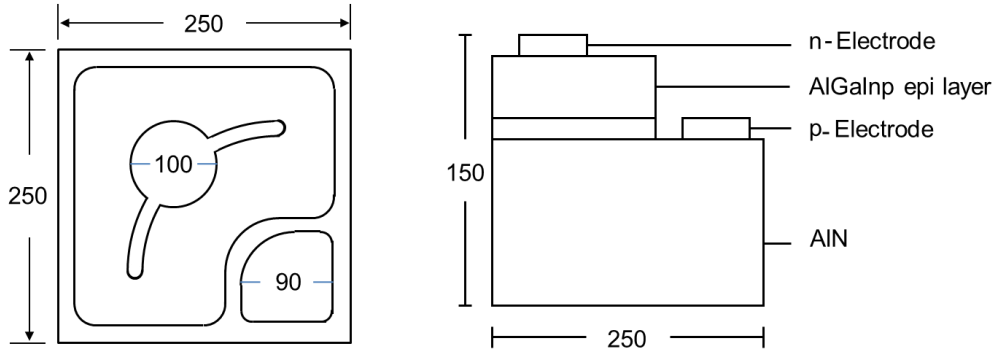
Features :

- Ultra bright LED chips
- Suitable for New Creative Products

Typical Applications :

- Automotive Signal Lamps: Stop/ Tail Lights
- Traffic Signs
- Highway Signs
- Special Decorations
- Full Color Outdoor Moving Signs

Outline Dimensions : (Unit: um)



Physical Structure :

Chip dimension	Chip size	250±20 um x 250±20 um
	Thickness	150±25 um
	Emission area	210±25 um
	Bonding pad	n:100±10 um / p:90±10 um
Electrode	N(cathode)	Gold
	P (anode)	Gold
Surface condition	Frosted	

*C2F2

Electro-Optical Characteristics : (Ta = 25℃)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	IF = 20 mA	1.90	-	2.30	V
Reverse Current	I_R	Vz = 5 V	-	-	10	uA
Wavelength	λ_D	IF = 20 mA	620	-	630	nm
Spectral width at half height	$\triangle\lambda$	IF = 20 mA	-	20	-	nm
Luminous Intensity	I_V	IF = 20 mA	600	-	1200	mcd

Typical Electro-Optical Characteristics Curve:

Fig 1. Forward Current vs. Forward Voltage

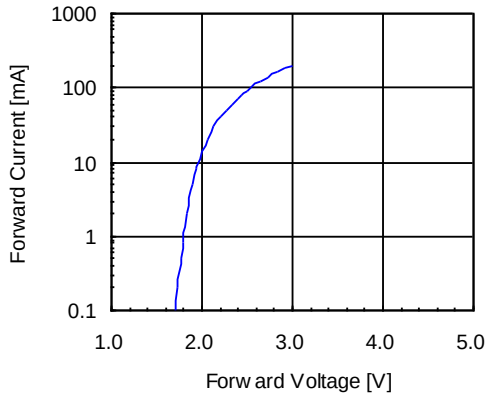


Fig 2. Relative Intensity vs. Forward Current

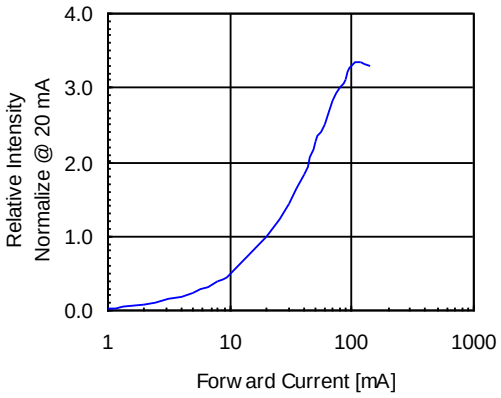


Fig 3. Forward Voltage vs. Temperature

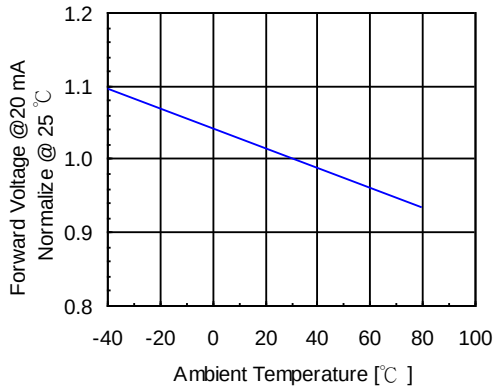


Fig 4. Relative Intensity vs. Temperature

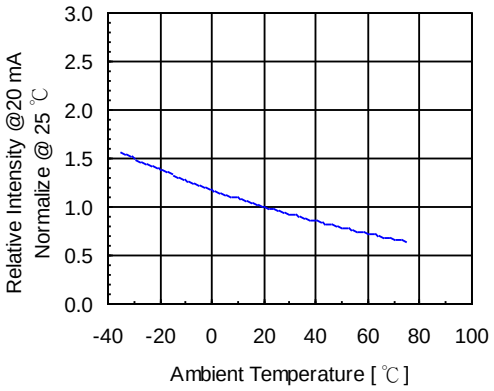


Fig 5. Relative Intensity vs. Wavelength