

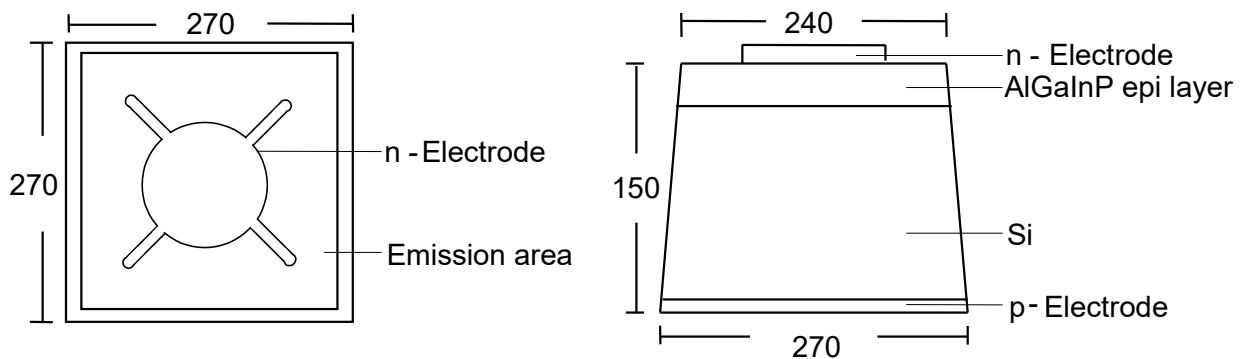
■ **Features :**

- Ultrabright LED chips
- Suitable for New Creative Products
- 100 % Probing Test
- Sorting Process For Customer Requirements

■ **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	270±25 um x 270±25 um
	Thickness	150±25 um
	Emission area	240±25 um
	Bonding pad	110±10 um
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

\*C2

■ **Electro-Optical Characteristics : (Ta = 25°C)**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	$V_F$	IF = 20 mA	1.80	-	2.30	V
Reverse Current	$I_R$	Vz = 5 V	-	-	10	uA
Wavelength	$\lambda_P$	IF = 20 mA	-	660	-	nm
	$\lambda_D$	IF = 20 mA	640	-	645	nm
Spectral width at half height	$\Delta\lambda$	IF = 20 mA	-	20	-	nm
Luminous Intensity	$I_v$	IF = 20 mA	180	-	320	mcd