

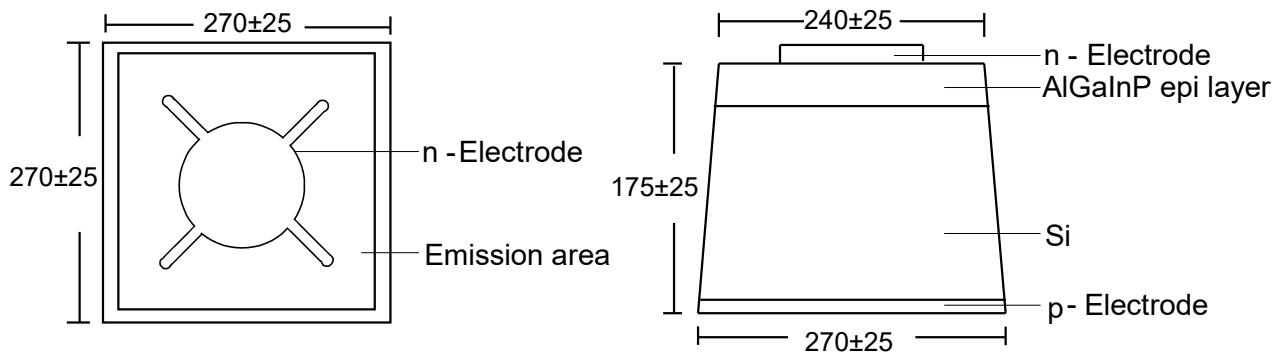
■ **Features :**

- 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: μm)**



■ **Physical Structure :**

Chip dimension	Chip size	270±25 μm x 270±25 μm
	Thickness	175±25 μm
	Emission area	240±25 μm
	Bonding pad	105±10 μm
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

*C2F2

■ **Electro-Optical Characteristics : ($T_a = 25^\circ\text{C}$)**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	IF = 20 mA	1.80	-	2.40	V
Reverse Current	I_R	Vz = 5 V	-	-	10	μA
Dominant Wavelength	λ_D	IF = 20 mA	630.0	-	635.0	nm
Spectral width at half height	$\Delta\lambda$	IF = 20 mA	-	17	-	nm
Luminous Intensity	I_V	IF = 20 mA	550	-	1000	mcd