

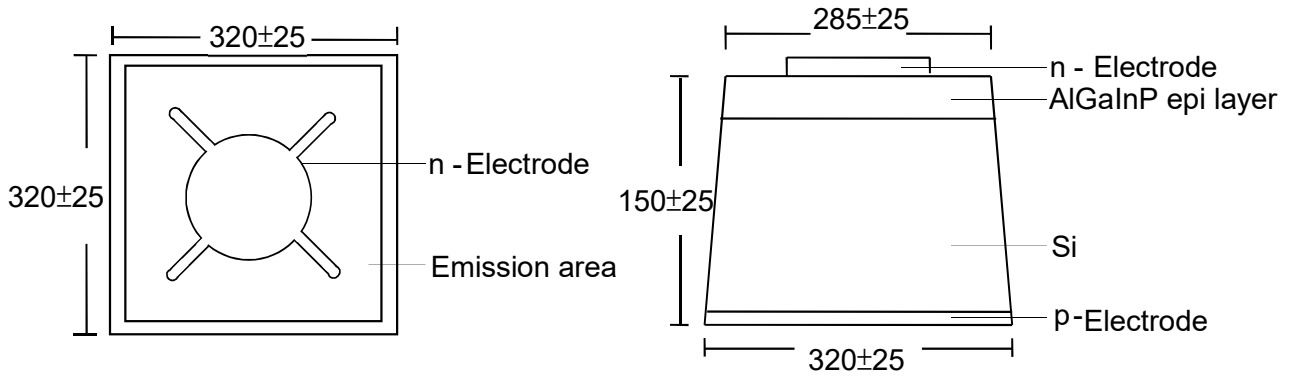
■ **Features :**

- Ultrabright LED chips
- Suitable for New Creative Products

■ **Typical Applications :**

- Special Decorations
- Plant Grow Lights

■ **Outline Dimensions : (Unit: um)**



■ **Physical Structure :**

Chip dimension	Chip size	$320 \pm 25 \mu\text{m} \times 320 \pm 25 \mu\text{m}$
	Thickness	$150 \pm 25 \mu\text{m}$
	Bonding pad	$105 \pm 10 \mu\text{m}$
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	1.8	-	2.3	V
Reverse Current	$I_R$	Vz = 5 V	-	-	10	uA
Wavelength	$\lambda_D$	IF = 20mA	640	-	650	nm
Spectral width at half height	$\Delta \lambda$	IF = 20 mA	-	19	-	nm
Luminous Intensity	$I_v$	IF = 20mA	200		450	mcd