

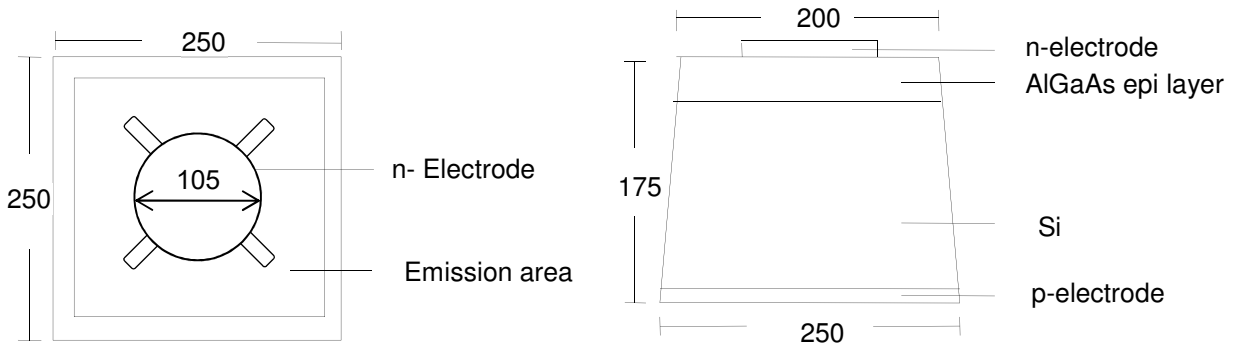
■ **Features :**

- Suitable for New Creative Products

■ **Typical Applications :**

- Home entertainment
- Light source for CMOS & CCD camera
- Security camera, CCTV

■ **Outline Dimensions : (Unit: um)**



■ **Physical Structure :**

Chip dimension	Chip size	250±20 x 250±20um
	Thickness	175±25 um
	Emission area	200±15 um
	Bonding pad	105±10 um
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

*B

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward voltage	V_{FH}	$I_F = 50mA$	1.60	-	1.90	V
Reverse current	I_R	$V_R = 10V$	-	-	1	μA
Radiant Power	P_o	$I_F = 50 mA$	5.0	-	10	mW
Wavelength	λ_P	$I_F = 50 mA$	750	-	790	nm
Spectral width at half height	$\Delta \lambda$	$I_F = 50 mA$	-	30	-	nm