

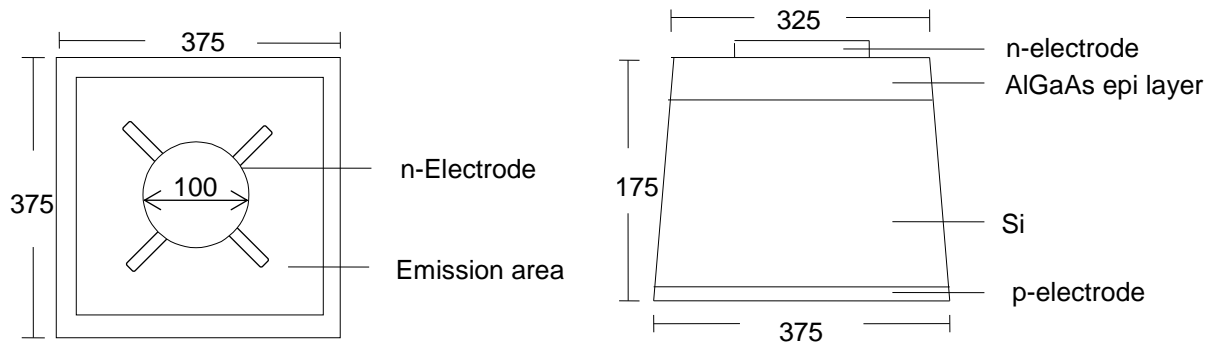
Features :

- Suitable for New Creative Products

Typical Applications :

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

Outline Dimensions : (Unit: um)



Physical Structure :

LED Chip dimension	Chip size	375 um x 375 um
	Thickness	175 ± 25 um
	Emission area	325 um
	Bonding pad	100 um
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

*G2

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
*.Forward voltage	V_{FH}	$I_F = 100 \text{ mA}$	1.30	-	1.50	V
*.Reverse current	I_R	$V_R = 10V$	-	-	5	μA
*.Radiant Power	P_o	$I_F = 100 \text{ mA}$	18	-	27	mW
*.Wavelength	λ_P	$I_F = 100 \text{ mA}$	940	945	950	nm
*.Spectral width at half height	$\Delta \lambda$	$I_F = 100 \text{ mA}$	-	40	-	Nm