

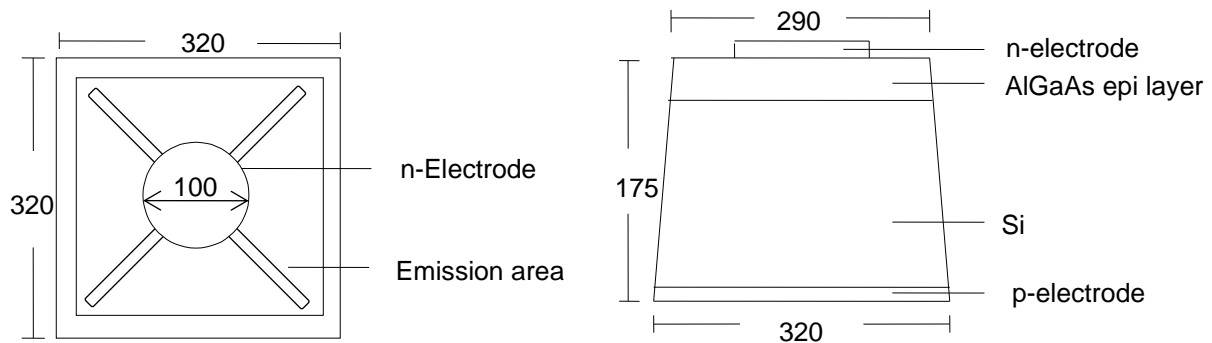
■ Features :

- 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	320 x 320 um
	Thickness	175 ± 25 um
	Emission area	290 um
	Bonding pad	100 um
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

*F

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward voltage	V_{FH}	$I_F = 100 \text{ mA}$	1.40	-	1.70	V
Reverse current	I_R	$V_R = 10V$	-	-	1	μA
Radiant Power	P_o	$I_F = 100 \text{ mA}$	24	-	36	mW
Wavelength	λ_P	$I_F = 100 \text{ mA}$	850	-	860	nm
Spectral width at half height	$\Delta \lambda$	$I_F = 100 \text{ mA}$	-	36	-	nm