

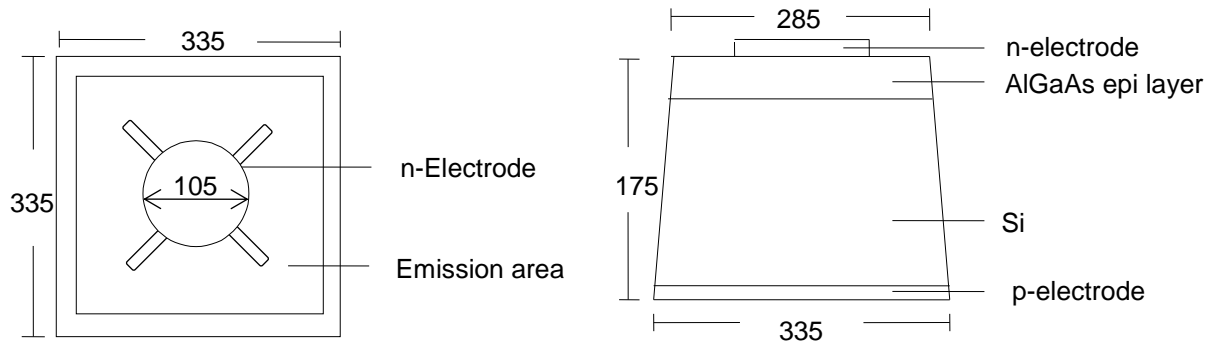
Features :

- Suitable for New Creative Products

Typical Applications :

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

Outline Dimensions : (Unit: μm)



Physical Structure :

LED Chip dimension	Chip size	335 μm x 335 μm
	Thickness	175 \pm 25 μm
	Emission area	285 \pm 20 μm
	Bonding pad	105 μm
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

* $^{\circ}\text{C}$

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward voltage	V_{FH}	$I_F = 100\text{mA}$	1.70	-	2.10	V
Wavelength	λ_P	$I_F = 100\text{mA}$	750	-	790	nm
Radiant Power	P_o	$I_F = 100\text{mA}$	14	-	28	mW
Spectral width at half height	$\Delta\lambda$	$I_F = 100\text{mA}$	-	25	-	Nm
Reverse current	I_R	$V_R = 10\text{V}$	-	-	1	μA