

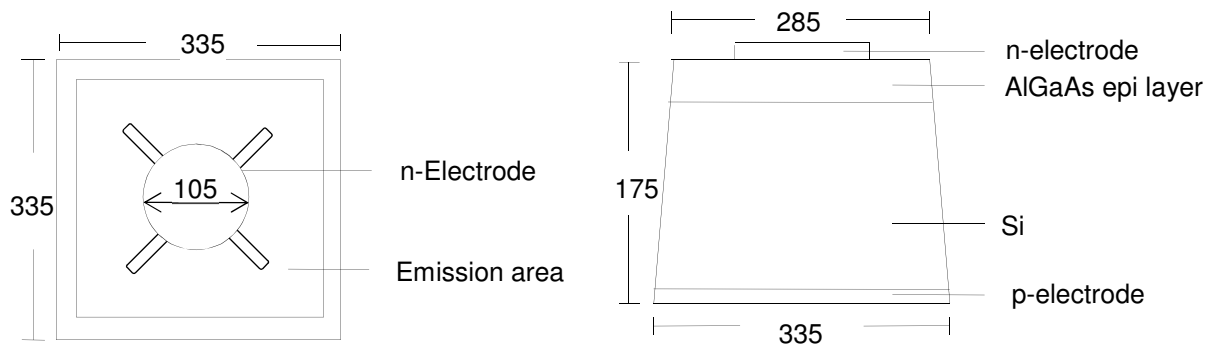
### Features :

- 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	335 x 335 um
	Thickness	175 ± 25 um
	Emission area	285 um
	Bonding pad	105 um
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold
Surface condition	Frosted	

\*D2

### 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	$\mu A$
Radiant Power	$P_o$	$I_F = 100 \text{ mA}$	20	-	30	mW
Wavelength	$\lambda_P$	$I_F = 100 \text{ mA}$	845	-	860	nm
Spectral width at half height	$\Delta \lambda$	$I_F = 100 \text{ mA}$	-	30	-	nm