

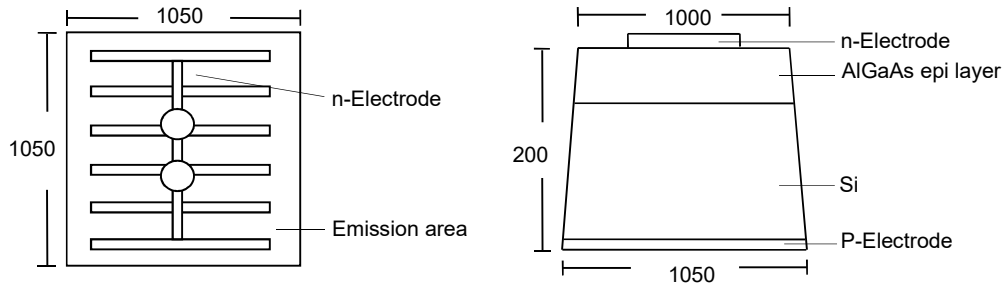
### Features :

- High radiant flux
- High driving current

### Typical Applications :

- Horticulture lighting
- Special lighting

### Outline Dimensions : (Unit: $\mu\text{m}$ )



### Physical Structure :

LED Chip dimension	Chip size	1050 $\mu\text{m}$ x 1050 $\mu\text{m}$
	Thickness	200 $\pm$ 25 $\mu\text{m}$
	Emission area	1000 $\mu\text{m}$
	Bonding pad	130 $\pm$ 10 $\mu\text{m}$
Electrode	Top: N (cathode)	Gold
	Backside: P (anode)	Gold

\*C2

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	$V_{FH}$	$I_F = 350 \text{ mA}$	1.70	-	2.00	V
Reverse Current	$I_R$	$V_R = 5 \text{ V}$	-	-	1	$\mu\text{A}$
Radiant Power	$P_o$	$I_F = 350 \text{ mA}$	80	-	140	mW
Wavelength	$\lambda_P$	$I_F = 350 \text{ mA}$	720		740	
Spectral width at half height	$\Delta \lambda$	$I_F = 350 \text{ mA}$	-	20	-	nm