

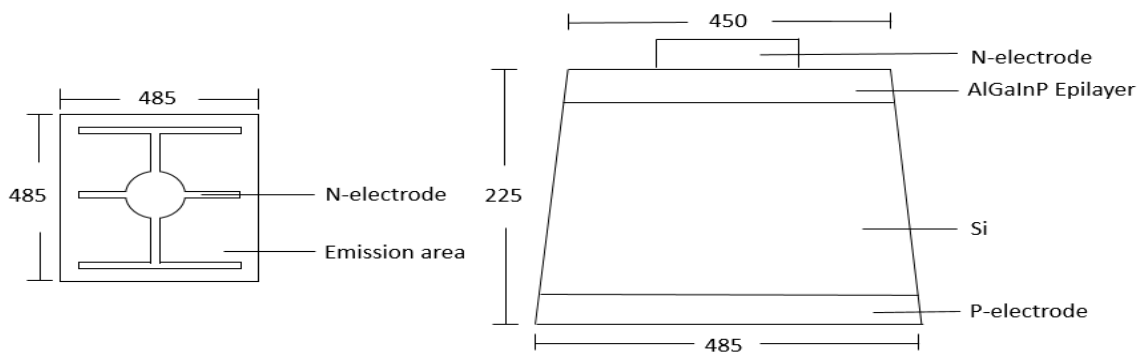
■ **Features :**

- Ultrabright LED Chips
- Suitable for New Creative Products
- 100 % Probing Test
- Sorting Process for Customer Requirements

■ **Typical Applications :**

- Automotive Signal Lamps: Stop/ Tail Lights
- Traffic Signs
- Highway Signs
- Special Decorations
- Full Color Outdoor Moving Signs

■ **Outline Dimensions : (Unit: um)**



■ **Physical Structure :**

Chip dimension	Mask size		500 um x 500 um
	Chip size		485 um x 485 um ± 25 um
	Thickness		225 ±25 um
	Emission area		450 um ± 25 um
	Bonding pad		125 um ± 10 um
Electrode	Top:	N (cathode)	Gold
	Backside:	P (anode)	Gold
Surface condition	Frosted		

*C2

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

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	IF = 150 mA	1.8	-	2.4	V
Reverse Current	I_R	Vz = 5 V	-	-	10	uA
Dominant Wavelength	λ_D	IF = 150 mA	630	-	640	nm
Spectral width at half height	$\Delta\lambda$	IF = 150 mA	-	19	-	nm
Luminous Intensity	I_v	IF = 150 mA	5000	-	7500	mcd