

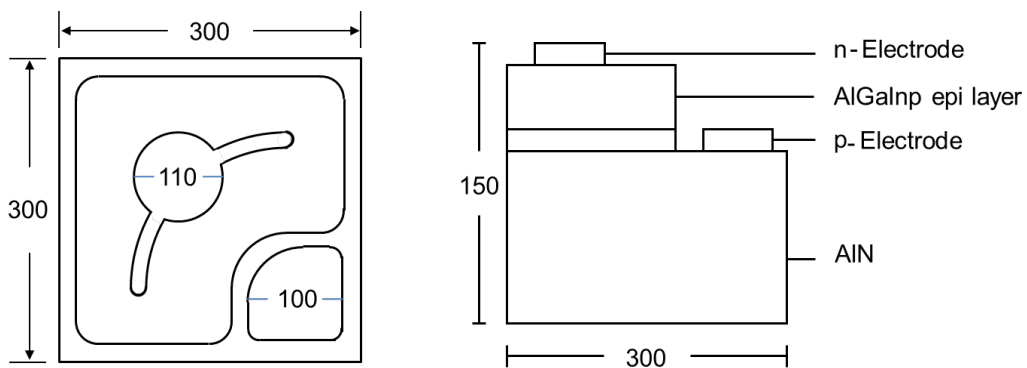
■ **Features :**

- Ultra bright LED chips
- Suitable for New Creative Products

■ **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	Chip size	300±20 um x 300±20 um
	Thickness	150±25 um
	Emission area	260±25 um
	Bonding pad	n:110±10 um / p:100±10 um
Electrode	N(cathode)	Gold
	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 = 20 mA	1.90	-	2.30	V
Reverse Current	I_R	Vz = 5 V	-	-	10	uA
Wavelength	λ_D	IF = 20 mA	622.5	-	627.5	nm
Spectral width at half height	$\Delta \lambda$	IF = 20 mA	-	20	-	nm
Luminous Intensity	I_v	IF = 20 mA	800	-	1400	mcd