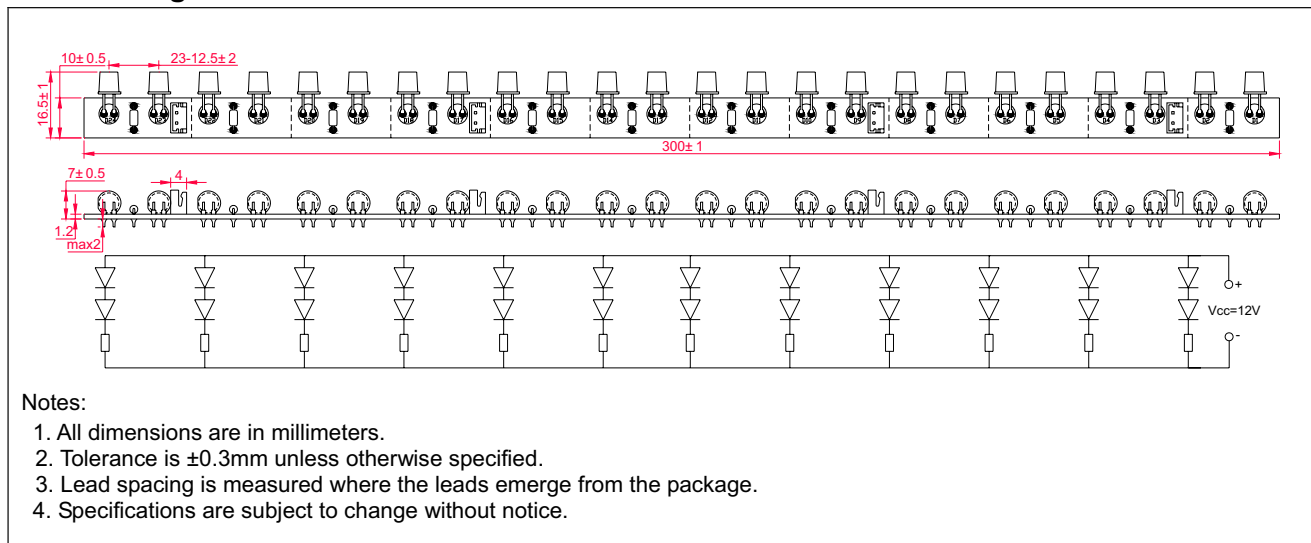


## ● Features:

1. Emitted color : Pure Green
2. Lens Appearance : Water Clear
3. for indoor and outdoor application.
4. Low power consumption.
5. Water and dust proof.

## ● Package dimensions



## ● Absolute maximum ratings( $T_a=25^\circ\text{C}$ )

Parameter	Symbol	Rating	Unit
Power Dissipation	$P_d$	3	W
$V_{CC}$	$V_{CC}$	13	V
Peak Forward Current* <sup>1</sup>	$I_{FP}$	500	mA
Reverse Voltage	$V_R$	10	V
Operating Temperature	$T_{opr}$	$-25^\circ\text{C} \sim 60^\circ\text{C}$	
Storage Temperature	$T_{stg}$	$-30^\circ\text{C} \sim 85^\circ\text{C}$	

\*<sup>1</sup> Condition for  $I_{FP}$  is pulse of 1/10 duty and 0.1msec width.

● **Electrical and optical characteristics(Ta=25°C)**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Current	$I_F$	V <sub>CC</sub> =12V	120.....		240	mA
Luminous Flux		V <sub>CC</sub> =12V	40000.....		60000	mlm
Reverse Current	$I_R$	V <sub>R</sub> =10V	-	-	100	μA
Peak Wavelength	$\lambda_p$	V <sub>CC</sub> =12V	-	525	-	nm
Dominant Wavelength	$\lambda_d$	V <sub>CC</sub> =12V	520	-	530	nm
Spectral Line Half-width	$\Delta \lambda$	V <sub>CC</sub> =12V	-	15	-	nm
Viewing Angle	$\theta_{1/2}$	V <sub>CC</sub> =12V	80.....		100	deg