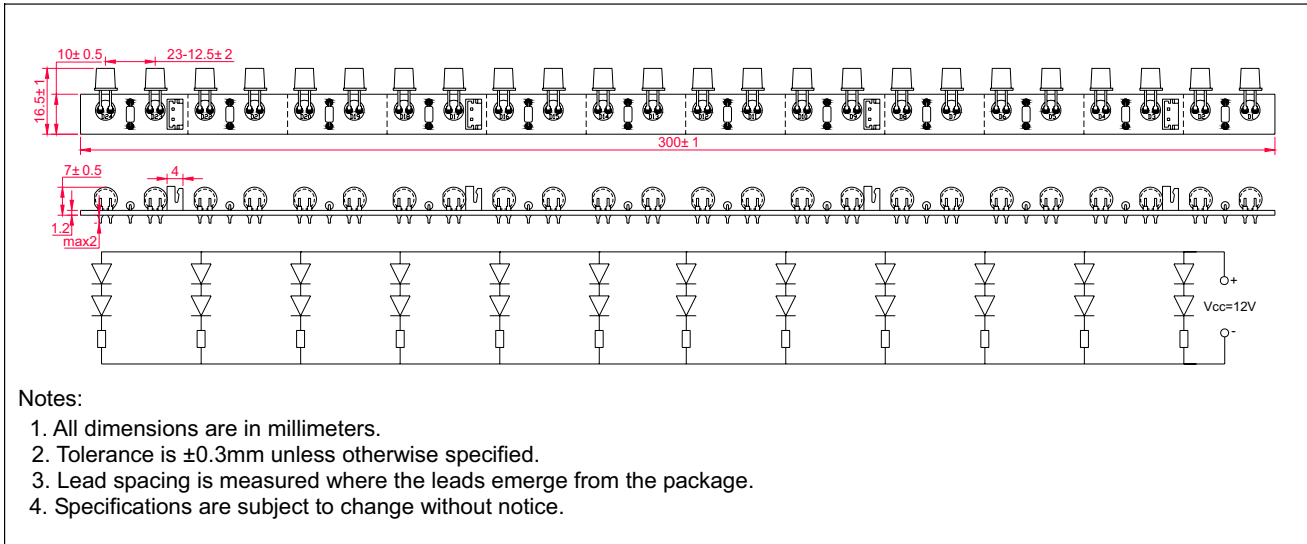


● **Features:**

1. Emitted color :White
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(Ta=25°C)**

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	3	W
Vcc	Vcc	13	V
Peak Forward Current* <sup>1</sup>	I <sub>FP</sub>	500	mA
Reverse Voltage	V <sub>R</sub>	10	V
Operating Temperature	Topr	-25°C ~60°C	
Storage Temperature	Tstg	-30°C ~85°C	

\*<sup>1</sup>Condition for I<sub>FP</sub> 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	$I_F$	$V_{CC}=12V$	120.....	.....	240	mA
Luminous Flux		$V_{CC}=12V$	50000.....	.....	70000	lm
Reverse Current	$I_R$	$V_R=10V$	-	-	100	$\mu A$
$\lambda$						
$\lambda$ Color Rank		$V_{CC}=12V$	X	Y	-	
$\lambda$			0.28~0.33	0.28~0.33		
Viewing Angle	$\theta_{1/2}$	$V_{CC}=12V$	80.....	.....	100	deg