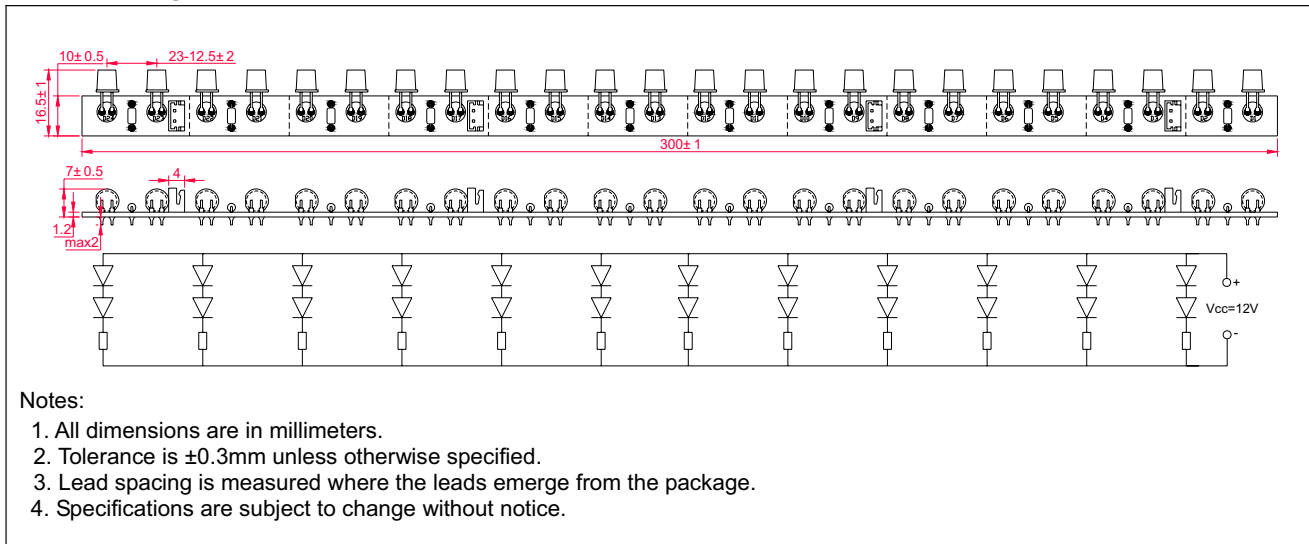


● **Features:**

1. Emitted color :Super Blue
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* ¹	I _{FP}	500	mA
Reverse Voltage	V _R	10	V
Operating Temperature	Topr	-25°C ~60°C	
Storage Temperature	Tstg	-30°C ~85°C	

*¹ 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	$V_{CC}=12V$	120.....	240	mA
Luminous Flux		$V_{CC}=12V$	12000.....	18000	lm
Reverse Current	I_R	$V_R=10V$	-	-	100	μA
Peak Wavelength	λ_p	$V_{CC}=12V$	-	470	-	nm
Dominant Wavelength	λ_d	$V_{CC}=12V$	465	-	475	nm
Spectral Line Half-width	$\Delta \lambda$	$V_{CC}=12V$	-	15	-	nm
Viewing Angle	$\theta_{1/2}$	$V_{CC}=12V$	80.....	100	deg