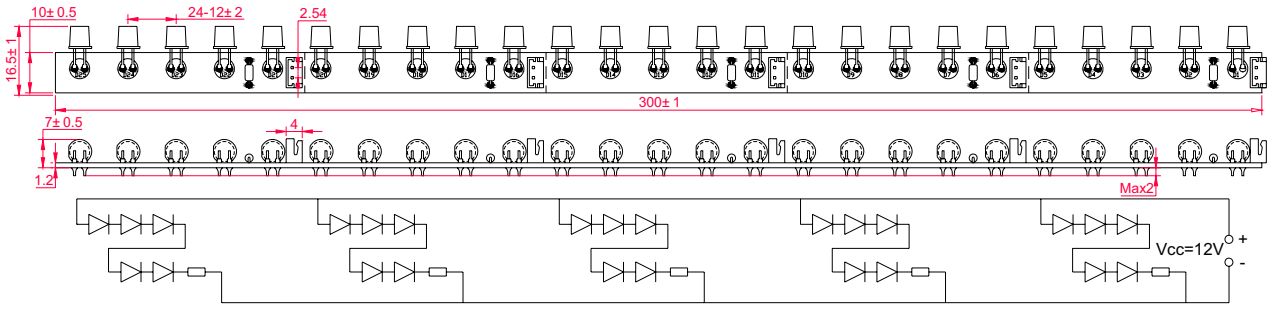
● Features:

1. Emitted color :Yellow (Amber)
2. Lens Appearance : Water Clear
3. for indoor and outdoor application.
4. Low power consumption.
5. Water and dust proof.

● Package dimensions



Notes:

1. All dimensions are in millimeters.
2. Tolerance is ±0.3mm unless otherwise specified.
3. Lead spacing is measured where the leads emerge from the package.
4. Specifications are subject to change without notice.

● Absolute maximum ratings(Ta=25℃)

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	2	W
Vcc	Vcc	13	V
Peak Forward Current*1	I_{FP}	300	mA
Reverse Voltage	V_R	10	V
Operating Temperature	Topr	-25℃~60℃	
Storage Temperature	Tstg	-30℃~85℃	

*1Condition for I_{FP} is pulse of 1/10 duty and 0.1msec width.

● **Electrical and optical characteristics(Ta=25℃)**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Current	I_F	Vcc=12V	80		160	mA
Luminous Flux		Vcc=12V	17000		25000	mlm
Reverse Current	I_R	V_R=10V	-	-	500	μA
Peak Wavelength	λp	Vcc=12V	-	592	-	nm
Dominant Wavelength	λd	Vcc=12V	585		595	nm
Spectral Line Half-width	Δλ	Vcc=12V	-	15	-	nm
Viewing Angle	$\theta_{1/2}$	Vcc=12V	80		100	deg