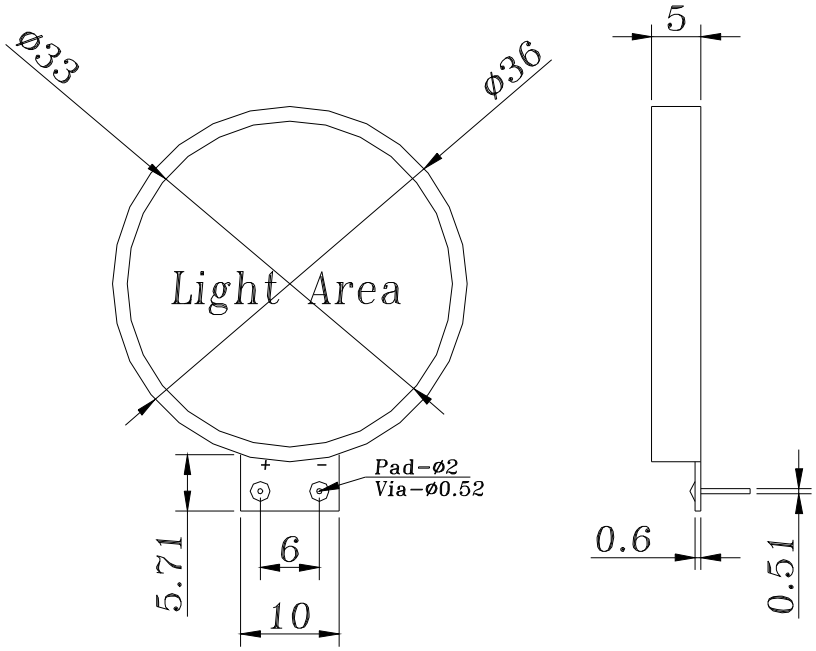
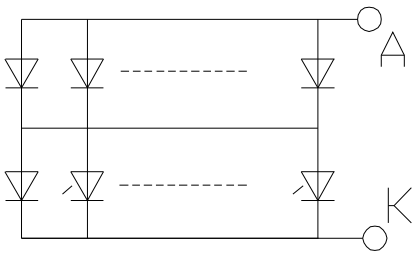
1、 Mechanical Outline(Unspecified Tolerances is：±0.3mm) Color：Blue



2、Lamp： 2 x 7 = 14



3、Storage & Soldering Conditions：

- Store with care. Storing the units in bad condition will cause the reflector sheet and decrease it's adhesive power. Storage the products under the condition： temperature (25º C ± 10º C) and humidity (65ºCRH±20ºCRH) our recommendation.

- The soldering Temperature is 260±5ºC and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.

- The soldering point should be farther than 1.6mm from body.

4、ABSOLUTE MAXIMUM RATINGS
(Unless specified, The Ambient temperature Ta=25ºC)

Item	Symbel	Condition	Rating	Unit
Absolute maximum forward current	Ifm		210	mA
Peak forward current	Ifp	1 msec Plus 10% Duty Cycle	350	mA
Reverse Voltage	Vr		10	V
Power dissipation	Pd		700	mW
Operating Temperature Range	Topr		-20～+70	℃
Storage Temperature Range	Tstg		-20～+75	℃

5、ELECTRICAL-OPTICAL CHARACTERISTICS
(Unless specified, The Ambient temperature Ta=25ºC)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Forward Current	If	90	105	120	mA	Vf=3.3V
Forward Voltage	Vf	3.0	3.2	3.6	V	If=105mA
Reverse Current	Ir			140	μA	Vr=10V
Luminance (Without Glass)	Lv		160		cd/m^2	If=105mA
Wavelength	Λp	467	470	472	nm	If=105mA

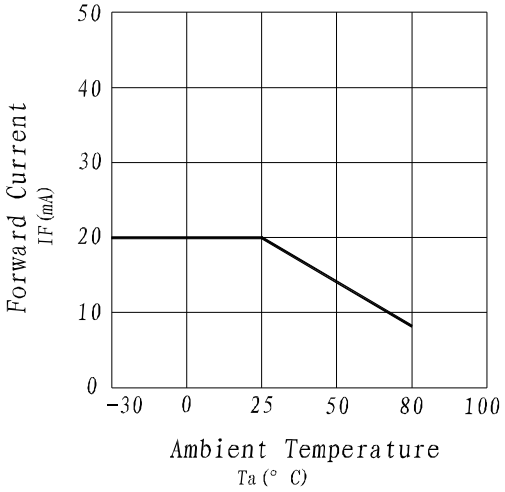
6、STATIC ELECTRICITY AND SURGE

- Static electricity and surge will damage the LEDs. It is recommended to use a wrist band or anti-electrostatic glove when handling the LEDs.

- All devices, equipment and machinery must be properly grounded.

7、LED Electrical Characteristics

Forward Current VS. Ambient Temperature



Relative Intensity VS. Ambient Temperature