

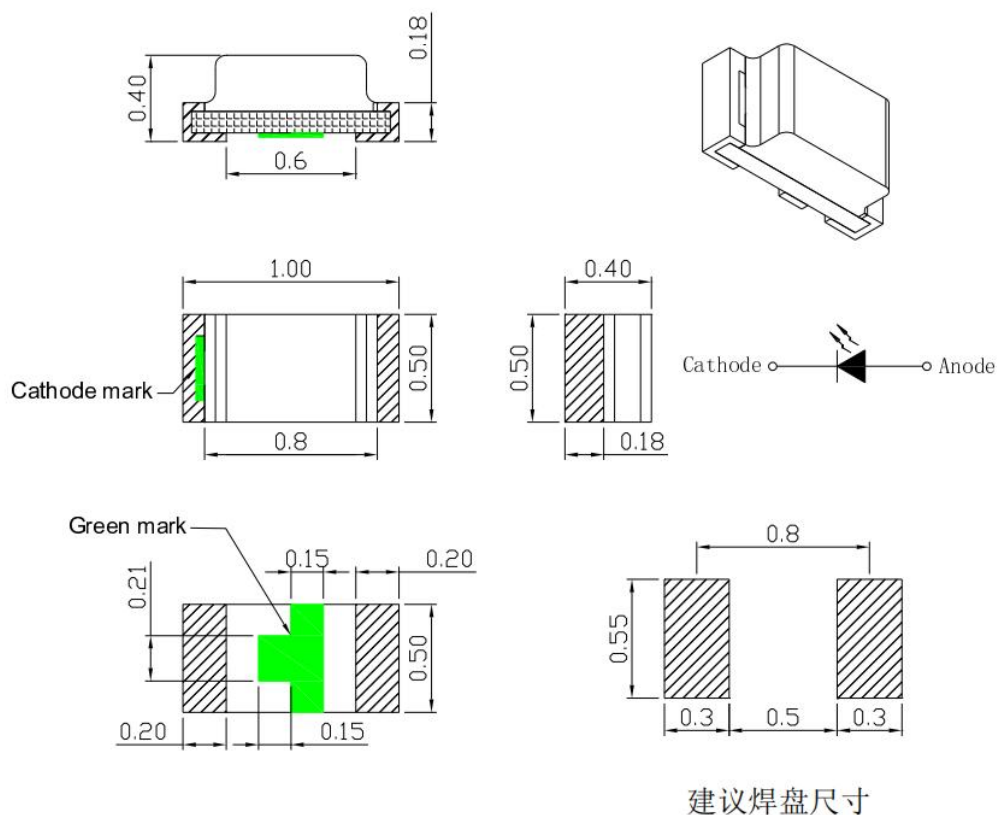
1、 Features:

- Emitting Color: Blue
- Lens Type: Water Clear
- Device Outline: 1.0×0.5×0.4 (unit:mm)
- RoHS compliant

2、 Applications:

- Backlight for Mobile, Machine Vision, LCD Display
- Backlight in Dashboard and switch of Automotive

3、 Outline Dimensions:



Note: 1.All dimension units are millimeters

2. All dimension tolerance is $\pm 0.10\text{mm}$

4、 Absolute maximum ratings (Ta = 25°C):

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
Power Dissipation	Pd	---	---	70	mW
Reverse Voltage	VR	IR = 30 μA	5	---	V
Pulse Current	IFp	Duty=0.1, 1kHz	---	100	mA
Forward Current	IFm	---	---	25	mA
Operating Temperature	Topr	---	-40	+85	°C
Storage Temperature	Tstr	---	-40	+85	°C

5、 Electrical and optical characteristics (Ta = 25°C):

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 20mA	2.8	3.0	3.6	V
Reverse Current	IR	VR = 5V	---	---	30	μA
Wave Length	Tc	IF = 20mA	---	470	---	nm
Luminous Intensity	Iv	IF = 20mA	50	100	200	mcd
Viewing Angle	2θ 1/2	IF = 20mA	---	120	---	Deg.

6. Typical electrical/optical characteristic curves:

Fig.5 相对亮度 Vs. 波长

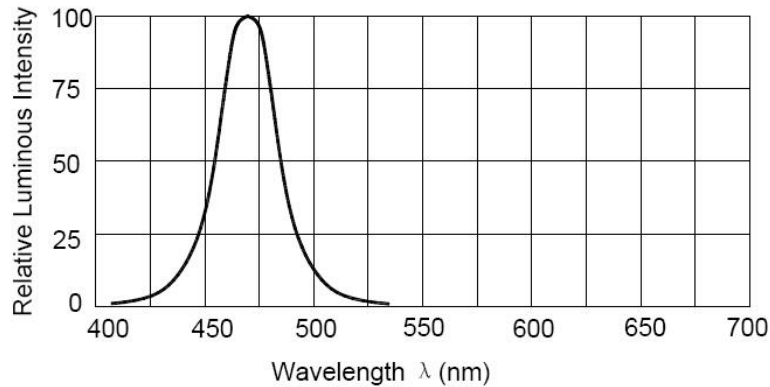


Fig.1 正向电流 Vs. 正向电压

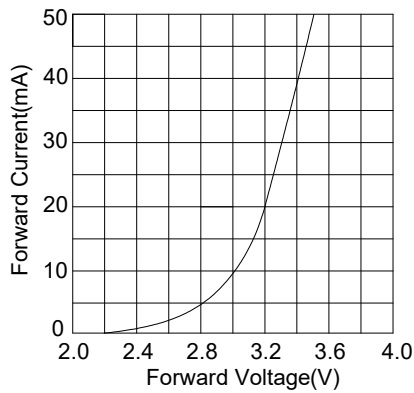


Fig.2 相对亮度 Vs. 正向电流

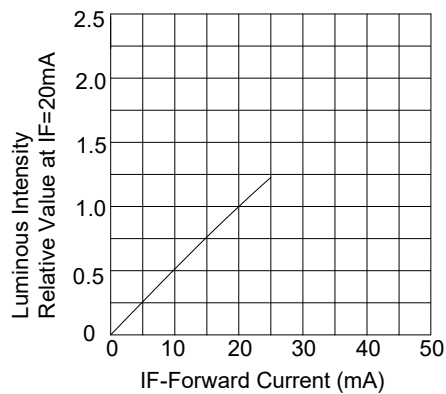


Fig.3 正向电流 Vs. 环境温度

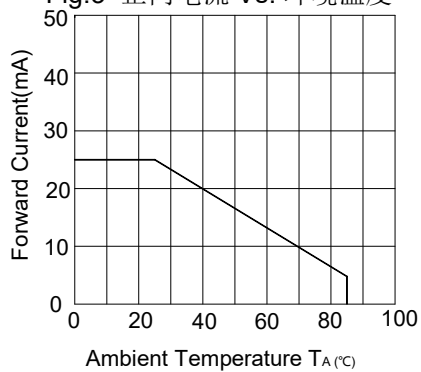


Fig.4 相对亮度 Vs. 环境温度

