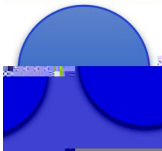


XL-504RGBC-KS

F5七彩长脚透明灯环

技术数据表

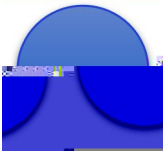
特点（ ）：



目录

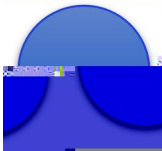
Catalogue



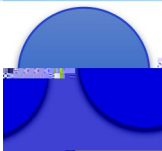
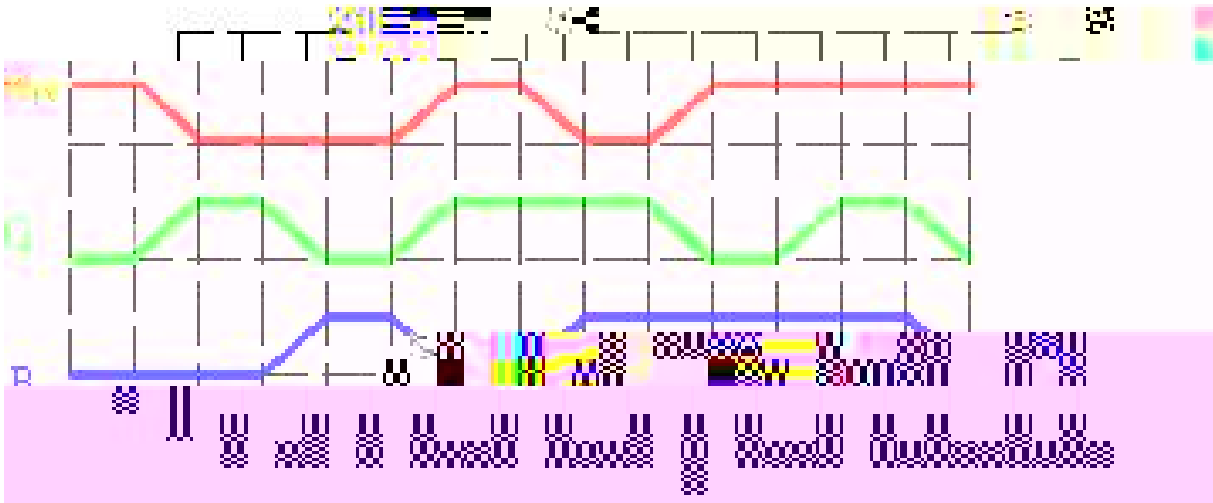


参数 Ta=25 Optical-electrical parameter

Parameter	Symbol		Rating			Unit	Test conditions
			Min	Typ	Max		
Working Voltage	VF		2.0		5.0	V	/
light intensity	Iv	R		600		mcd	IF=20mA
		G		1300		mcd	IF=20mA
		B		700		mcd	IF=20mA
Dominant wavelength	λd	R	620		625	nm	IF=20mA
		G	515		530	nm	IF=20mA
		B	460		475	nm	IF=20mA
Peak wavelength	λp	R		625		nm	IF=20mA
		G		530		nm	IF=20mA
		B		470		nm	IF=20mA
Half wave width	Δλ	R		20		nm	IF=20mA
		G		30		nm	IF=20mA
		B		25		nm	IF=20mA
Reverse current	Ir				5	μA	Vr=5V
Half light angle	2θ1/2			120		Deg	IF=20mA
Flicker period	T			5		S	IF=20mA

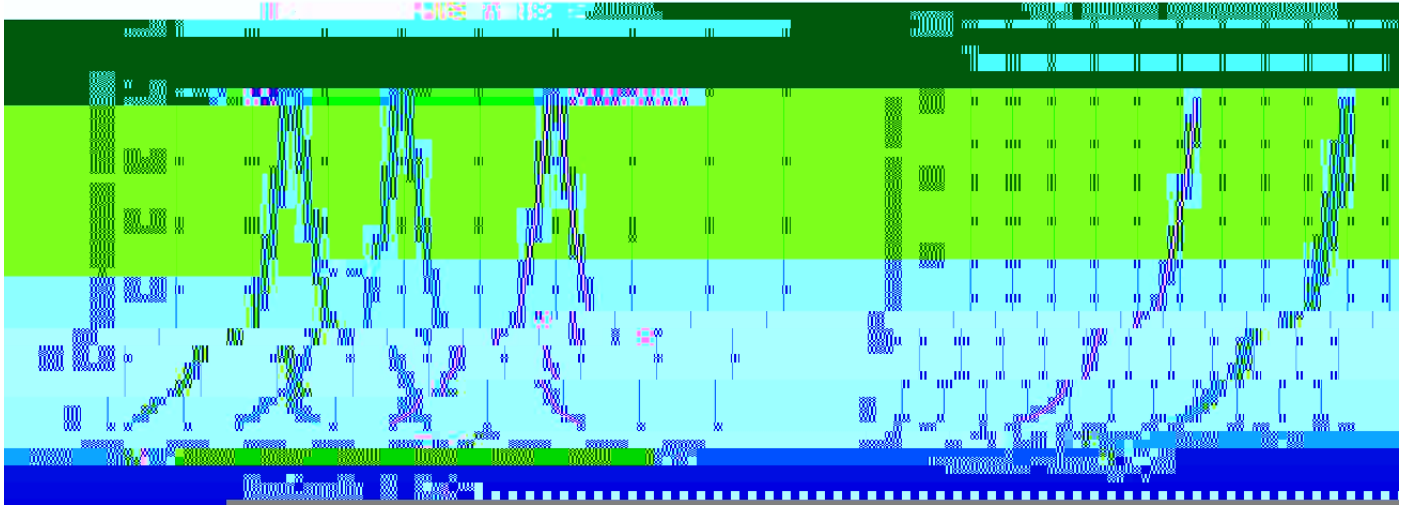


典型特性曲线



半值分布曲线

伏安特性

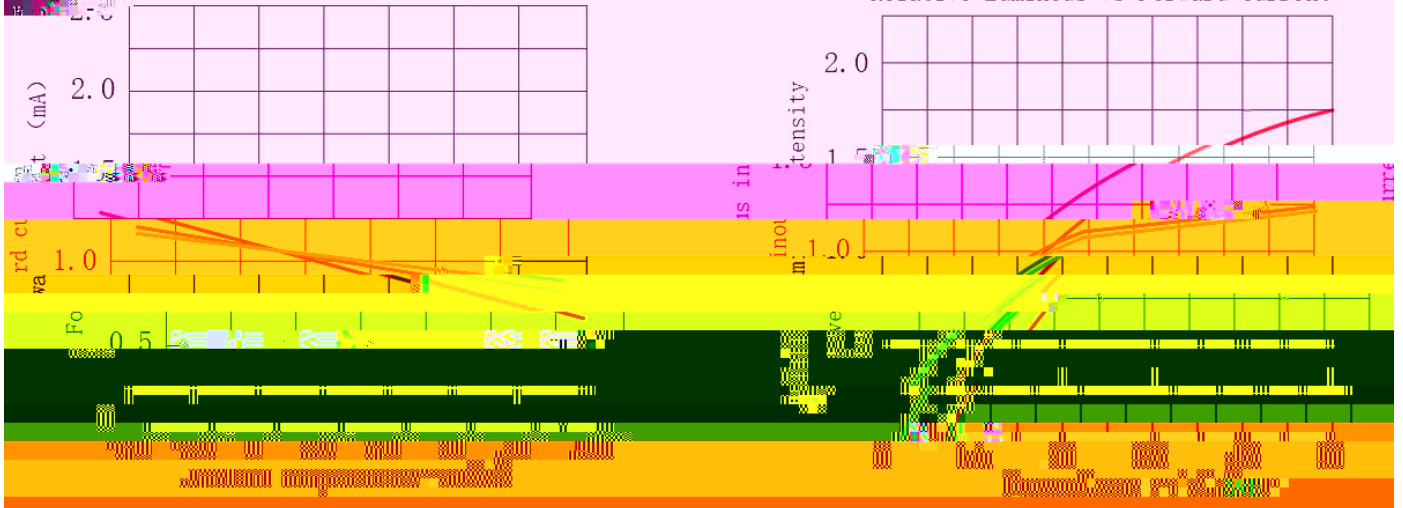


正向电流降额曲线

相对光强与正向电流特性

Forward current derating curve

Relative luminous VS Forward Current

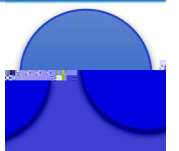
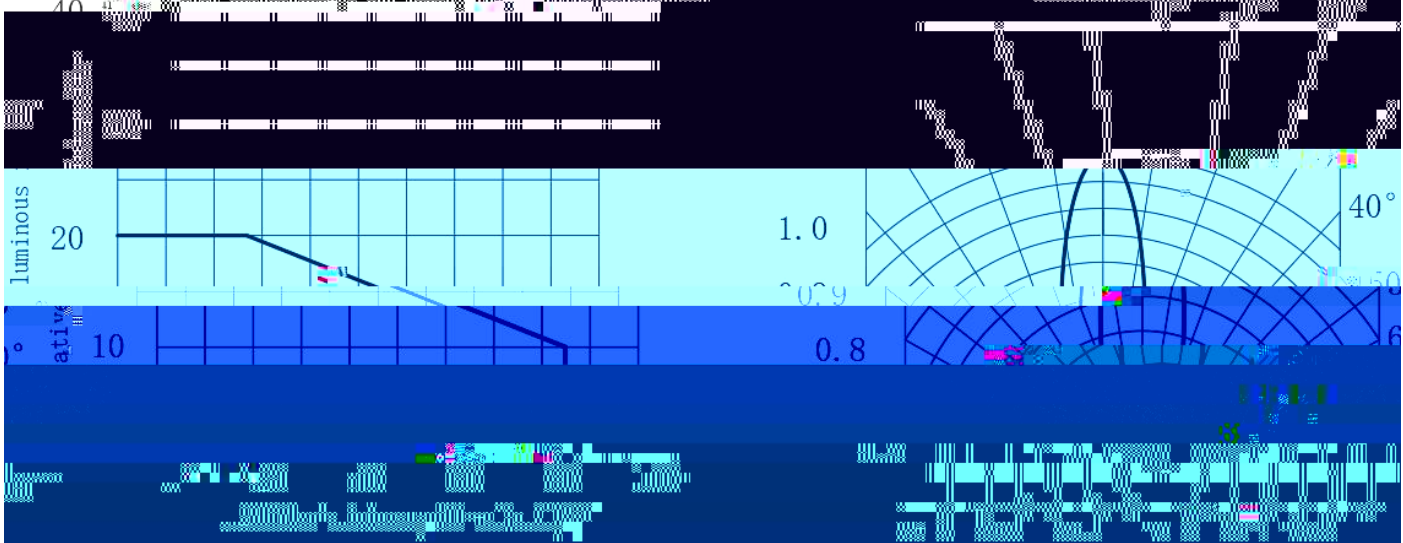


光强与环境温度曲线

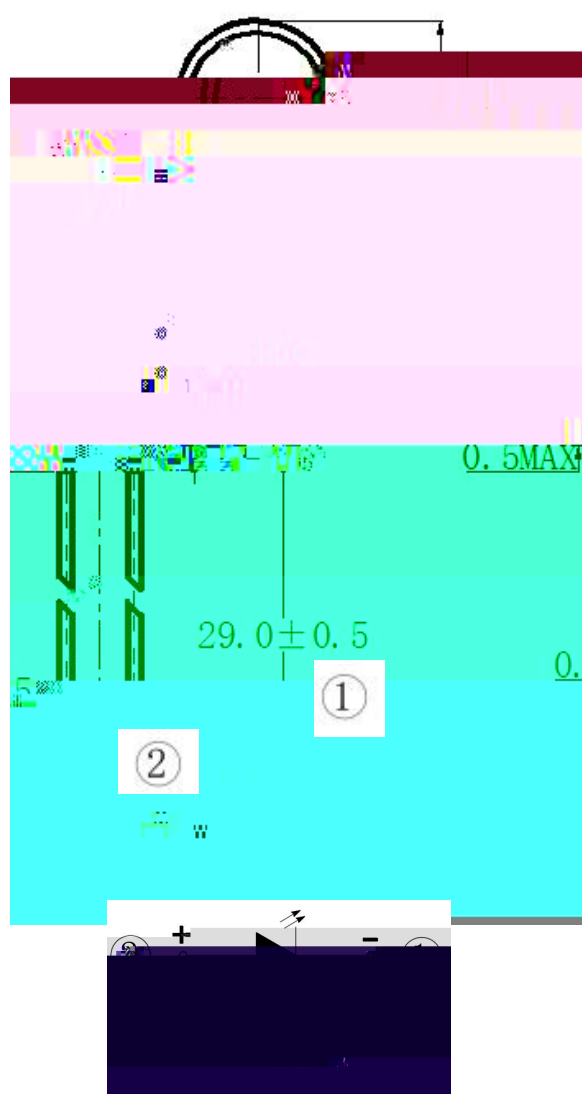
相对辐射强度与空间角度关系

Luminous Intensity VS Ambient Temperature

Radiation diagram



外形尺寸

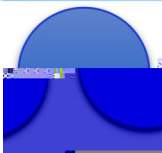


(Note)

Dimensions are in millimeters.

± 0.50

Tolerances unless mentioned are $\pm 0.50\text{mm}$.



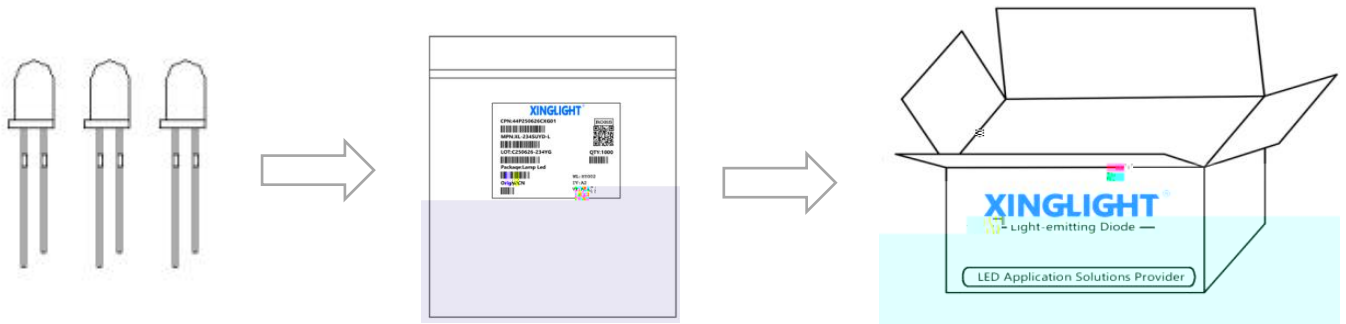
包装 ()

*

In Bags

*

Moisture Proof and Anti-Electrostatic Foil Bag



标签说明 Label Expansion

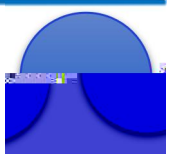
CPN: 批号/档位 LOT: 日期/封装颜色

MPN: 型号 VF: 电压代码

WL: 波长代码 IV: 亮度代码

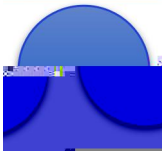
ORIGIN: 产地 QTY: 数量

PACKAQE: 封装



使用注意事項 ()

1.



使用注意事項 ()

2mm

When welding, welding must be conducted below 2mm of colloid bottom. When welding, try to avoid soaking LED colloid. After welding, avoid adding external force on the pin or shaking LED colloid.



LED

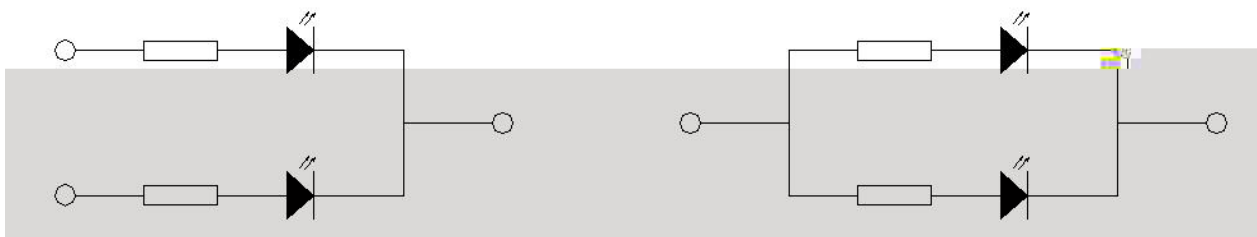
LED

A

LED

LED

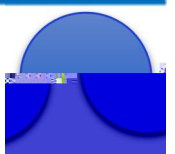
In the current driving mode of LED, if LED is multiple in parallel, it is recommended to use line A and add a flow limit resistance to each LED to ensure the consistent brightness of LED.



LED
HBM<1000V

InGaN
<100V

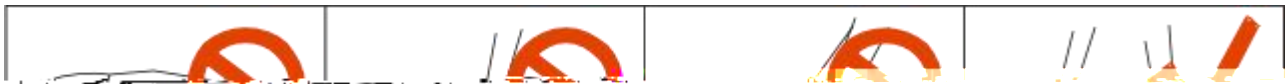
High increase of static electricity and current will damage LED. Use antistatic devices such as protective belts and gloves. Note: human discharge mode HBM <1000V; machine discharge mode <100V.



使用注意事项 ()

8、其他事项:

When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect on its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due to die breakage or wire deformation. For this reason, please do not put excessive stress on LEDs, especially when the LEDs are heated such as during Reflow Soldering.



LED

The epoxy resin of encapsulant is fragile, so please avoid scratch or friction over the epoxy resin surface. While handling the product with tweezers, do not hold by the epoxy resin, be careful.

9、眼睛保护忠告:

LED

LED

Viewing direct to the light emitting center of the LEDs, especially those of great Luminous Intensity, will cause great hazard to human eyes. Please be careful.

If there are any modifications to the specification sheet, no further notice will be given

