XL-DZ304UGD/1 技术数据表

F3MM 绿发绿单孔灯座

特点（ ）：

* :7.5*6.5*4.5mm
Appearance dimension : 7.5*6.5*4.5mm
*

电性参数

Parameter	Symbol	Value	Unit
Max Power Dissipation	PD	75	mW
Max Continuous Forward Current	IF	20	mA
Peak Forward Current	IFP	80	mA
Max Reverse Voltage	VR	5	V
Antistatic ability	ESD	2000	V
Operating Temperature Range	TOPR	-40 ~ +85	
Storage Temperature Range	TSTR	-40 ~ +85	
/ Lead Soldering Temperature/Time	TSOL	260 Ò6S	/S

Luminous Intensity	Iv	/	5000	/	mcd	IF=20mA
Dominant Wave Length	∂d	515	/	530	nm	IF=20mA
Peak Wave Length	∂p	/	525	/	nm	IF=20mA
Forward Voltage	VF	2.6	/	3.4	V	IF=20mA
(Half wave width)	φ∂	/	30	/	nm	IF=20mA
Viewing Angle	2Ï 1/2	/	45Á	/	deg	IF=20mA
Reverse Current	IR	/	/	Ò5	εA	VR=5V

亮度分档

：

代码	[illegible]	最大值	单位	测试条件
B7	4000	5000	mcd	IF=20mA
B8	5000	6000		
B9	6000	8000		

亮度误差±10% Brightness error ± 10%

电压分档

：

代码	最小值	最大值	单位	[illegible]
N13-2	2.6	2.8	V	IF=20mA
N13-3	2.8	3.0		
N13-4	3.0	3.2		
N13-5	3.2	3.4		

电压误差±0.1V Voltage error ± 0.1V

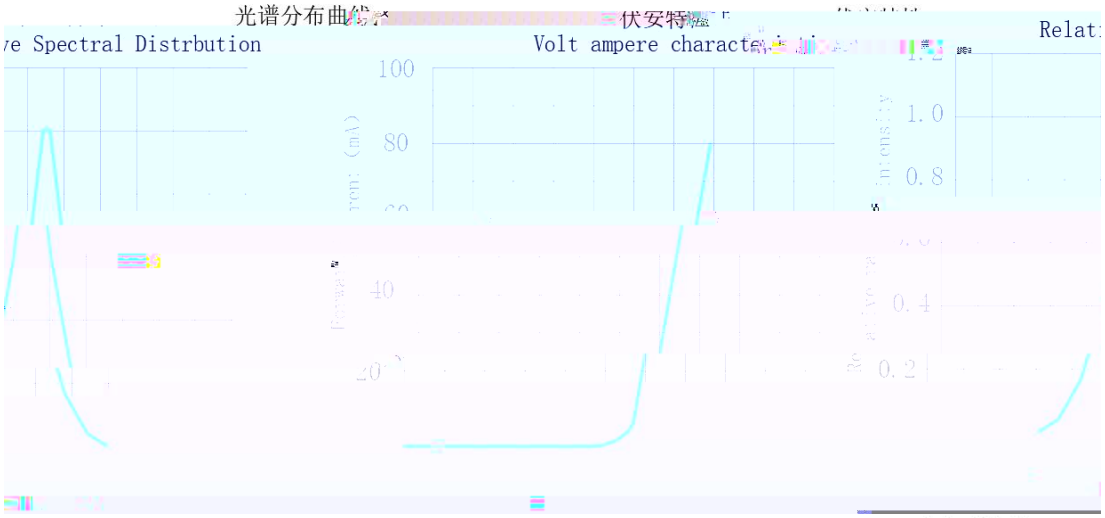
波长分档

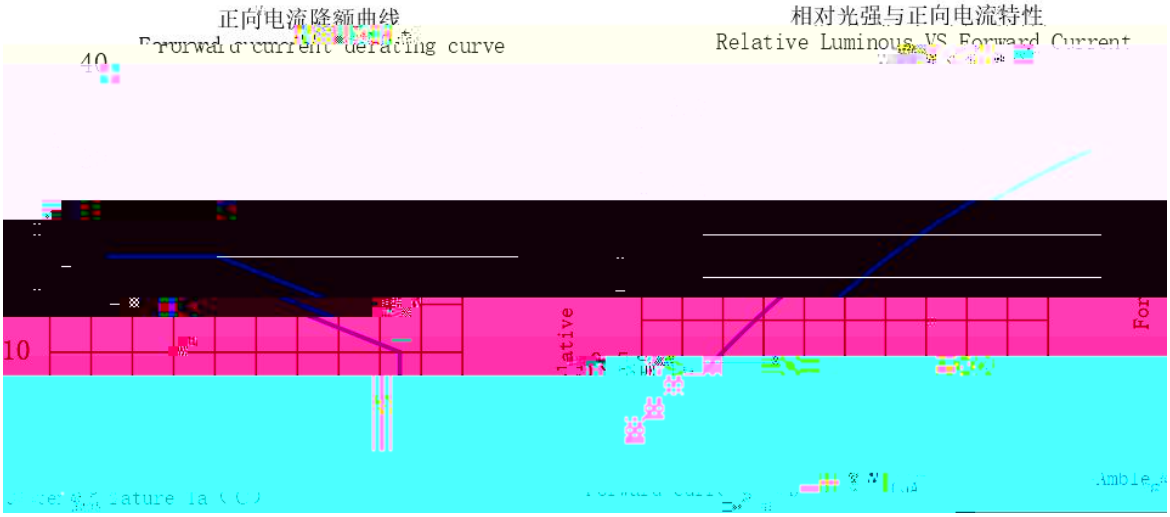
：

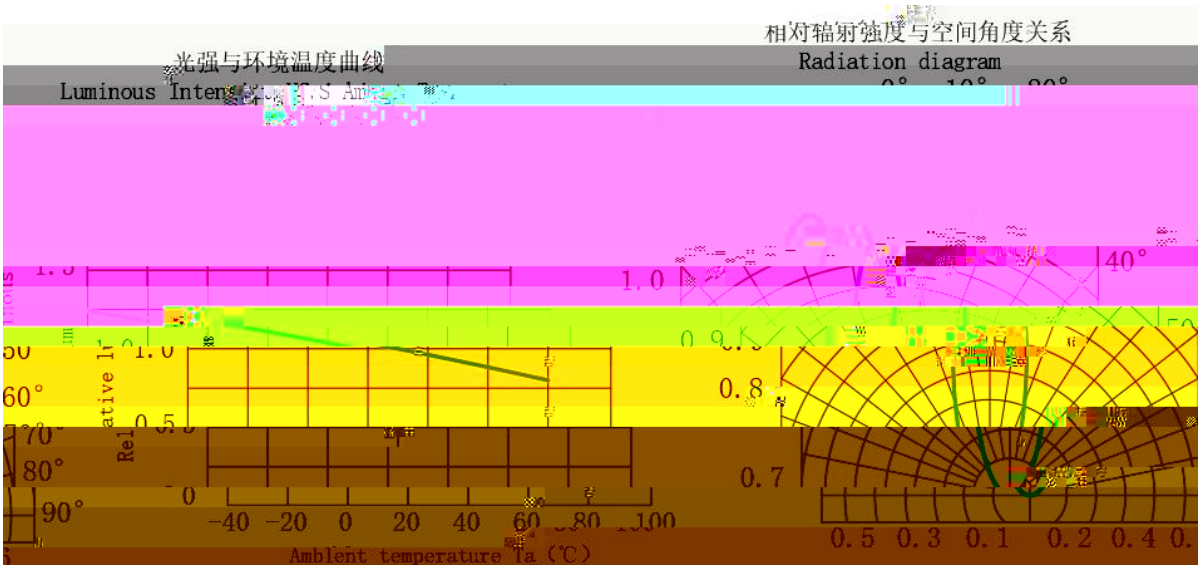
代码	[illegible]	最大值	单位	测试条件
HG02	515	520	nm	IF=20mA
HG03	520	525		
HG04	525	530		

波长误差±1nm Wavelength error ± 1nm

典型特性曲线







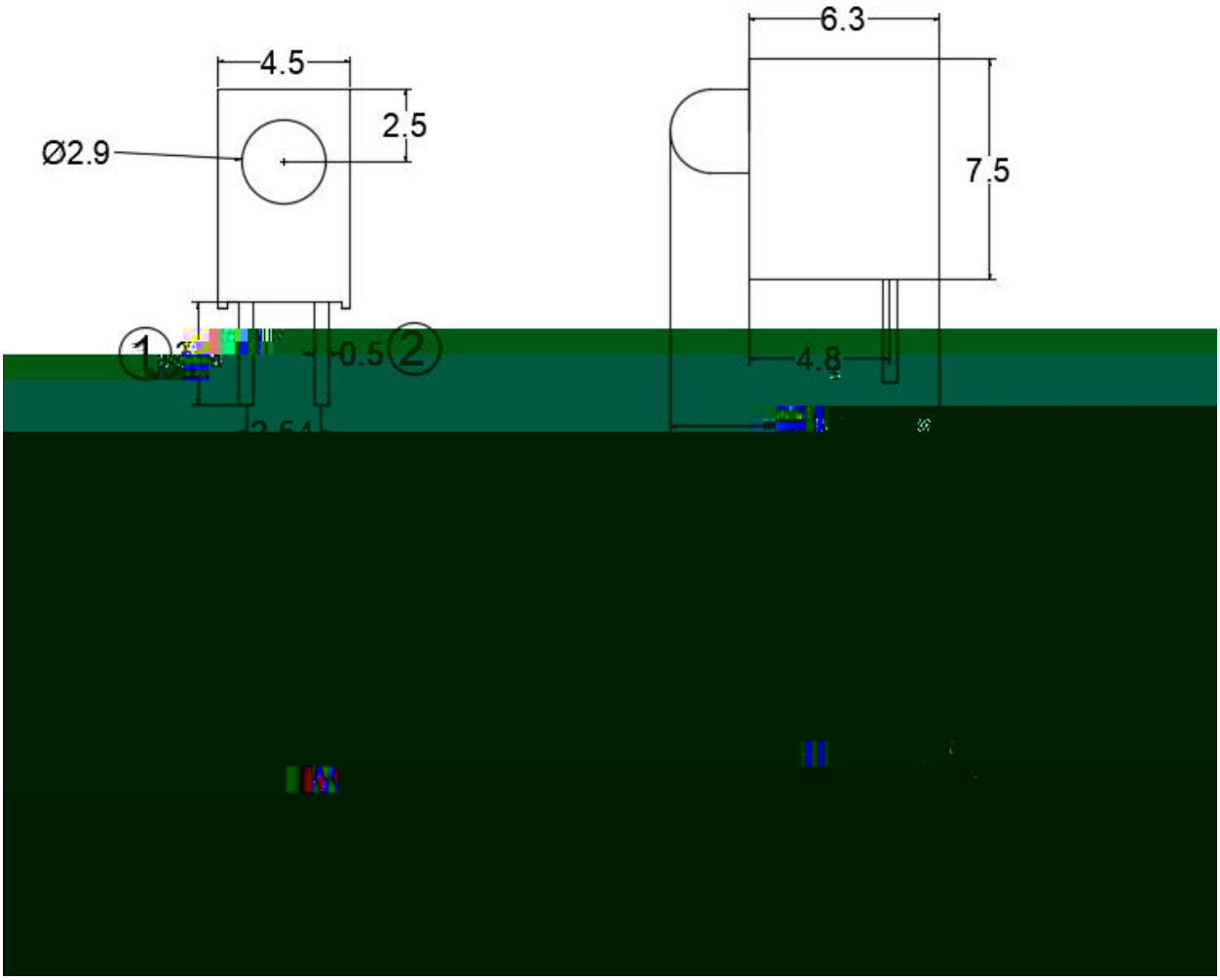
: 25 + 5 C./Note: If not otherwise indicated, the test environment temperature is 25 + 5 C.

可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Fail qty
Endurance test	Working life	Ta=25 ±5 ,IF=20mA	1000hrs	22 PCS	0/1
	High temperature and high humidity experiment	Ta= 85±5 , RH= 85 90%	1000hrs	22 PCS	0/1
	High-temperature storage	Ta= 85±5	1000hrs	22 PCS	0/1
	Low temperature storage	Ta= -40±5	1000hrs	22 PCS	0/1
Environmental testing	Cold and hot cycle	100 ±5 30mins 5mins -40 ±5 30mins	100 Circles	22 PCS	0/1
	Hot and cold impact	105 ±5 5mins -45 ±5 5mins	100 Circles	22 PCS	0/1
Mechanical Test	Resistance to Soldering Heat	T.sol= 250 ± 5	2times	22 PCS	0/1
	Lead Integrity	Load 2.5N(0.25kgf) 0°~ 90° ~0°	3times	22 PCS	0/1

外形尺寸



(Note)

1.

Dimensions are in millimeters.

2. Ñ0.25mm .

Tolerances unless mentioned are Ñ0.25mm.

包装

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In Bags

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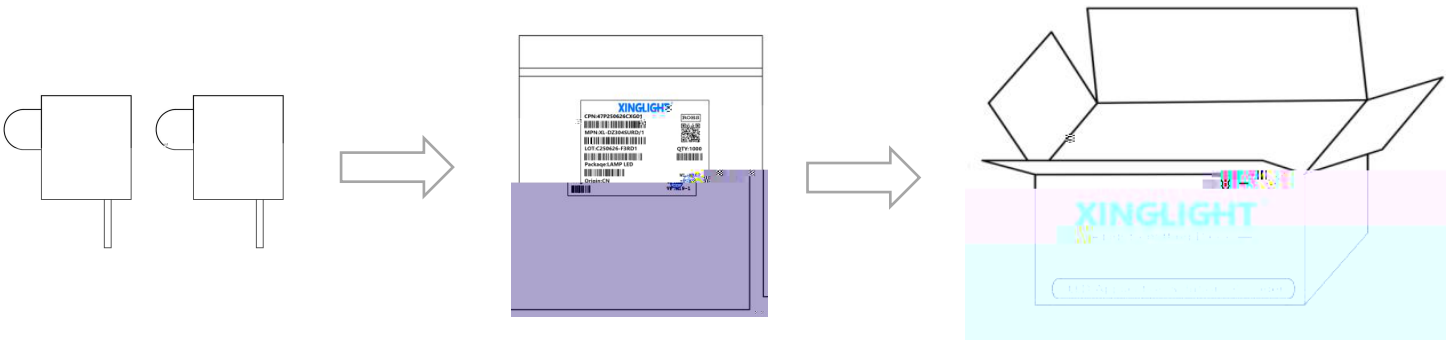
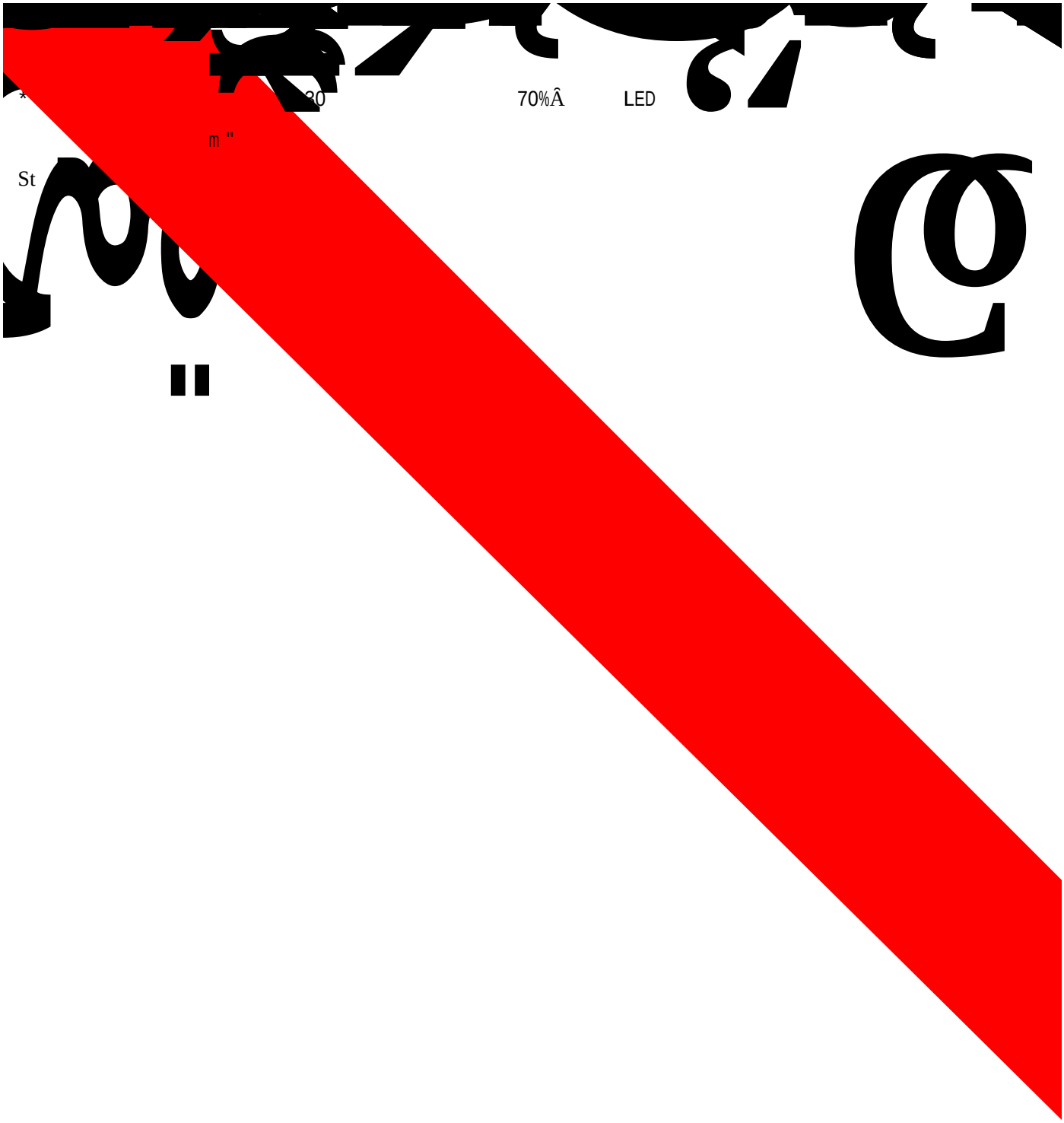
Moisture Proof and Anti-Electrostatic Foil Bag



使用注意事项（1）



Part

使用[illegible]意事项（3）

Precau[illegible]ns (3)

其他事項：

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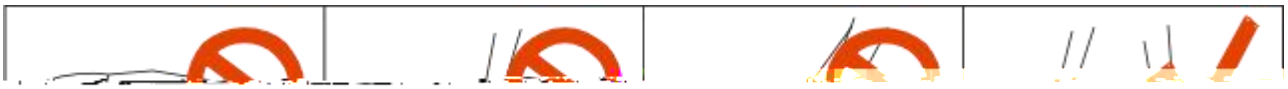
*When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect on its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due to die breakage or wire deformation. For this reason, please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



*LED all