XL-DZ304UGD/4 技术数据表 Technical Data Sheet

F3MM 绿发绿四孔灯座

特点（characteristic）：

* :20.3*10.7*4.5mm

Appearance dimension : 20.

θ ¸ θ

电性参数

Electrical Characteristics

Absolute Maximum Ratings Ta=25

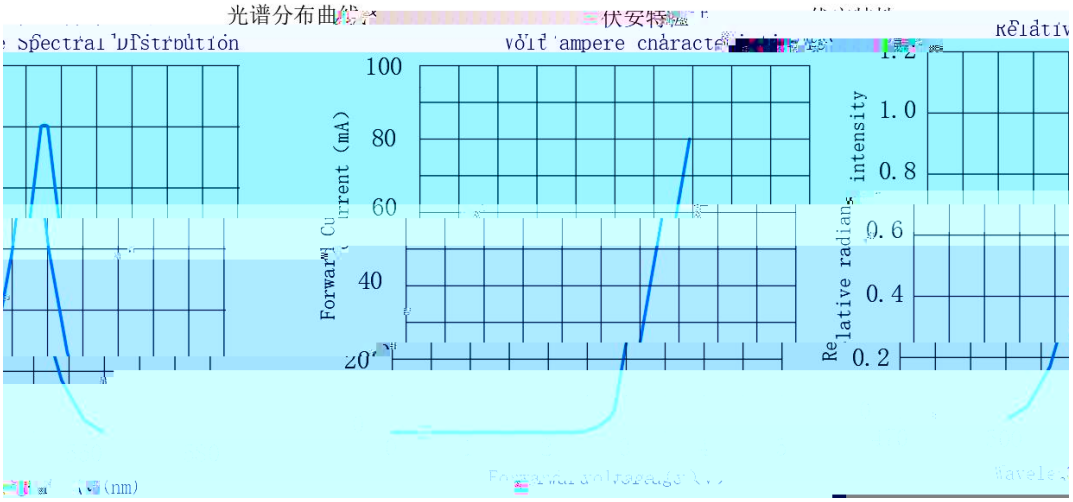
Max Power Dissipation	PD	240	mW
Max Continuous Forward Current	IF	20*4=80	mA
Peak Forward Current	IFP	80*4=320	mA
Max Reverse Voltage	VR	5	V
Antistatic ability	ESD	2000	V
Operating Temperature Range	TOPR	-40 ~ +85	
Storage Temperature Range	TSTR	-40 ~ +85	
/ Lead Soldering Temperature/Time	TSOL	260 Ò6S	/S

Initial Electrical Optical Characteristics Ta=25

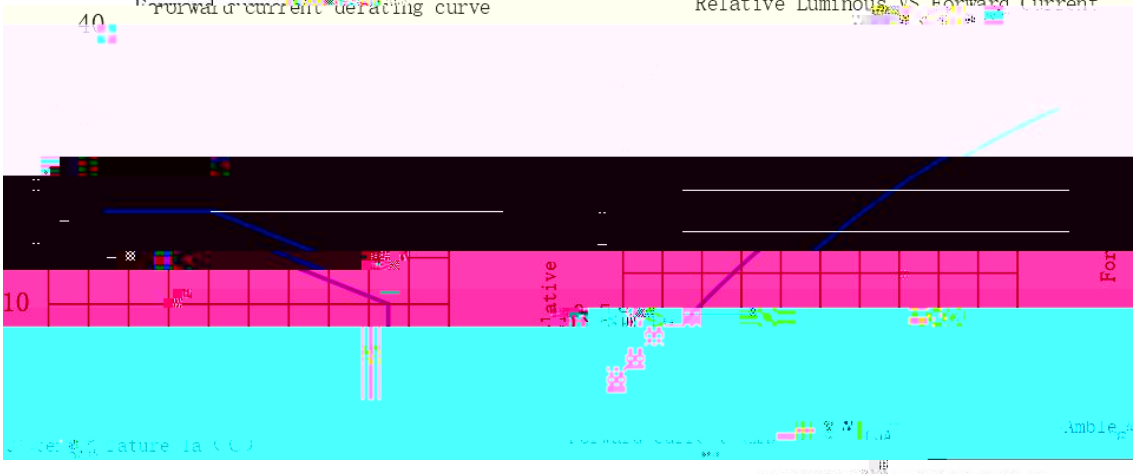
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test conditions
Luminous Intensity	Iv	/	5000	/	mcd	IF=20mA
Dominant Wave Length	∂d	515	/	530	nm	IF=20mA
Peak Wave Length	∂p	/	525	/	nm	IF=20mA
Forward Voltage	VF	2.6	/	3.4	V	IF=20mA
Half wave width	ф∂	/	30	/	nm	IF=20mA
Viewing Angle	2 Ï 1/2	/	50Á	/	deg	IF=20mA
Reverse Current	IR	/	/	Ò5	εA	VR=5V

典型特性曲线

Typical Characteristics Curves



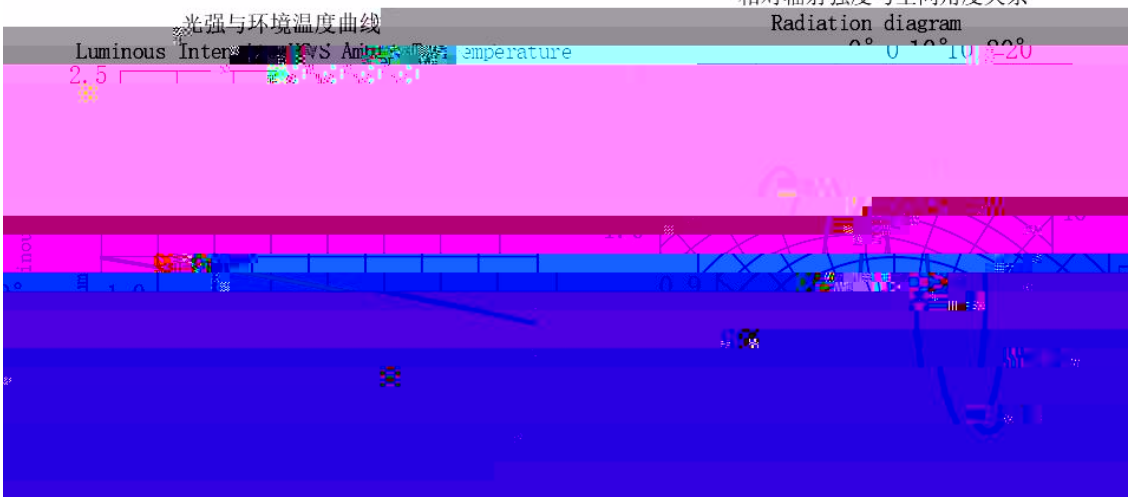
正向电流降额曲线
Forward current derating curve



相对光强与正向电流特性
Relative Luminous VS Forward Current

相对辐射强度与空间角度关系
Radiation diagram

光强与环境温度曲线
Luminous Inten VS Amb emperature



: 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

包装

Packaging

*

In Bags

*

Moisture Proof and Anti-Electrostatic Foil Bag

使用注意事项（ ）

Precautions (1)

1、贮存.

Storage

St ﻲﺧ

使用注意事项（ ）

设计建议

Design Consideration

LED

A LED B

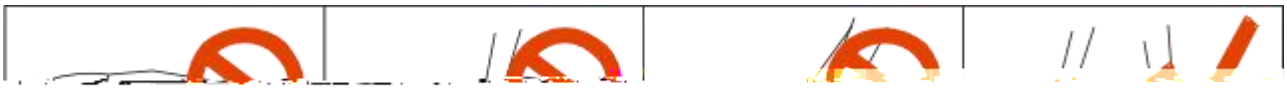
LED V_F LED

※ In designing a circuit, the current through each LED must not exceed the absolute maximum rating specified for each LED. In th

4、其他事项：

Others

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 may cause 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 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.