XL-304UGC F3 技术资讯单

特点（ ）：

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目录

Catalogue

电性参数

Max Continuous Forward Current	IF		

Luminous Intensity	Iv	8000	10000	12000	mcd	IF=20mA
Dominant Wave Length	λd	515	/	530	nm	IF=20mA
Peak Wave Length	λp	/	525	/	nm	IF=20mA
Forward Voltage	VF	2.8	3.0	3.4	V	IF=20mA
Viewing Angle	2Ø1/2	/	30	/	deg	IF=20mA
Spectral Width at half height	λ	/	30	/	nm	IF=20mA
Reverse Current	IR	/	/	≤10	μA	VR=5V

Note: the light intensity error is ±10% ±0.1V (X,Y) ±0.01 ±1nm

亮度分档

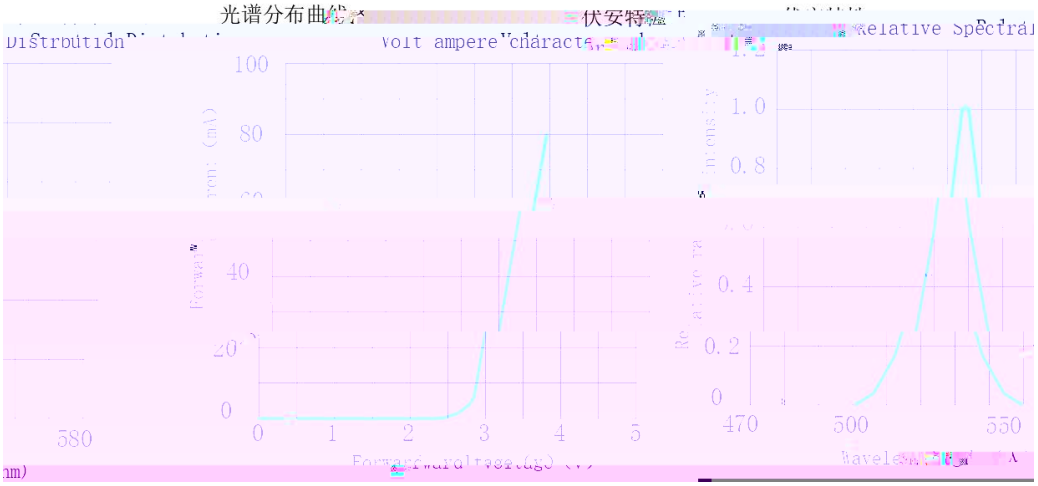
：

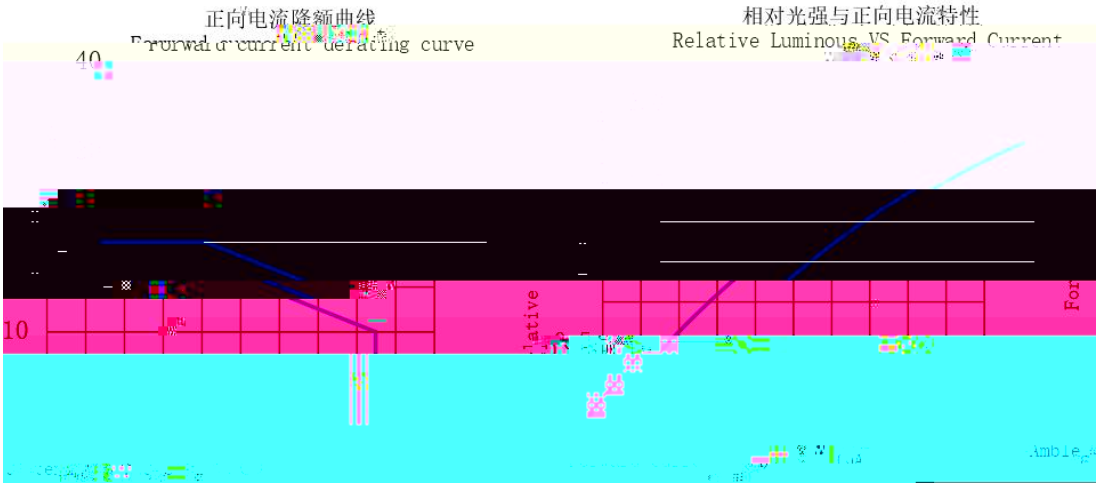
电压分档

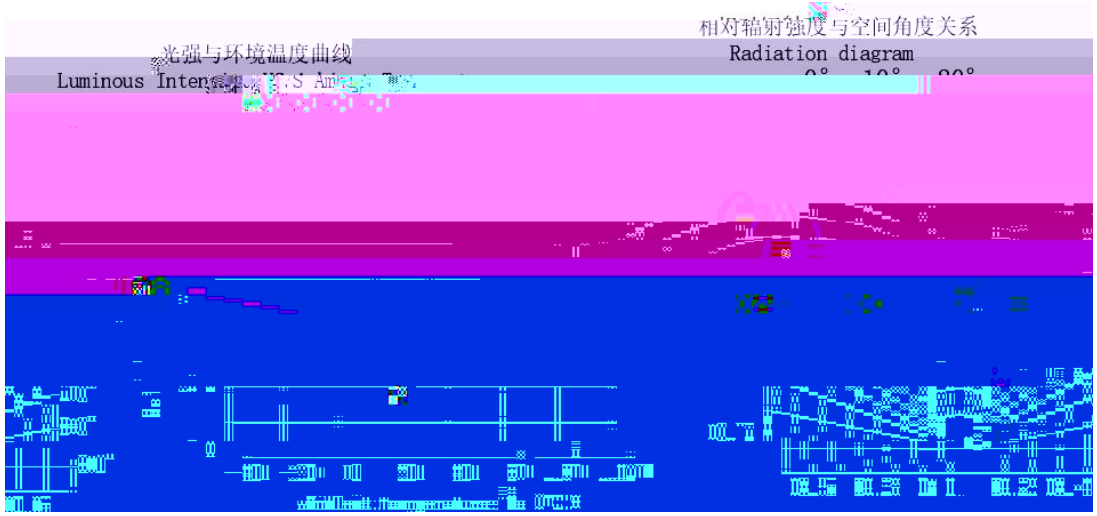
：

波长分档

典型特性曲线


光谱分布曲线
伏安特
100
80
40
20
0
0
1
2
3
4
5
1.0
0.8
0.4
0.2
0
470
500
550


正向电流降额曲线
相对光强与正向电流特性
Relative Luminous VS Forward Current
40
10


光强与环境温度曲线
相对辐射强度与空间角度关系
Radiation diagram

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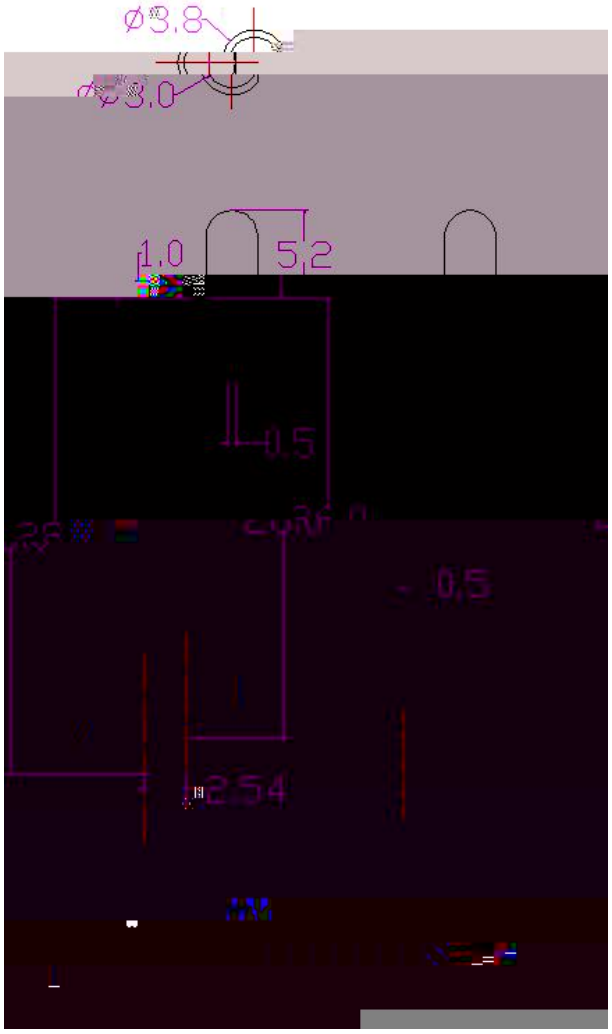
可靠性试验

Reliability Test Items And Conditions

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



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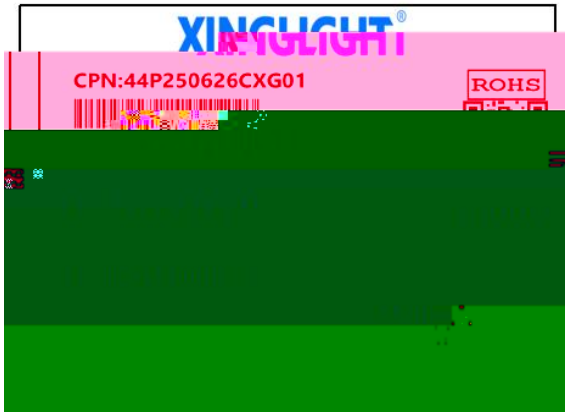
2. mm .

包装

Label Expantion
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


CPN:44P250626CXG01
ROHS

使用注意事项（

LED

W

LED 30 70% LED

$Y; ㄐCµ E÷ 3

V

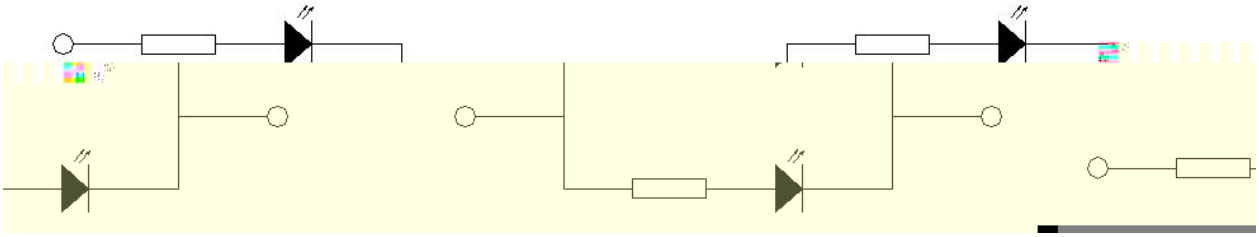
V

IRU

使用注意事项（ ）

LED

LED



使用注意事项（ ）

8、其他事项：

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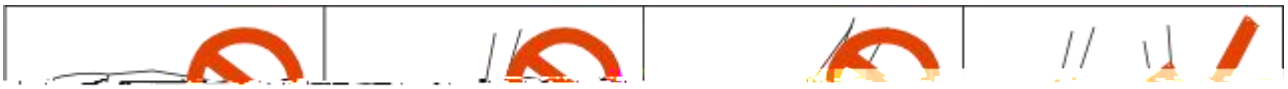

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9、眼睛保护忠告：

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