电性参数

Ta=25 Absolute Maximum Rating(ta=25)

≤ ≤ ≤ ≤

光电 Ta=25 Optical-electrical parameter(ta=25)

			52	-	80	Im
			587	590	595	nm
		IF=700mA	-	590	-	nm
			1.8	-	2.4	v
			-	120	-	Deg
			-	-	125	
		VR=5V	-	-	5	uA

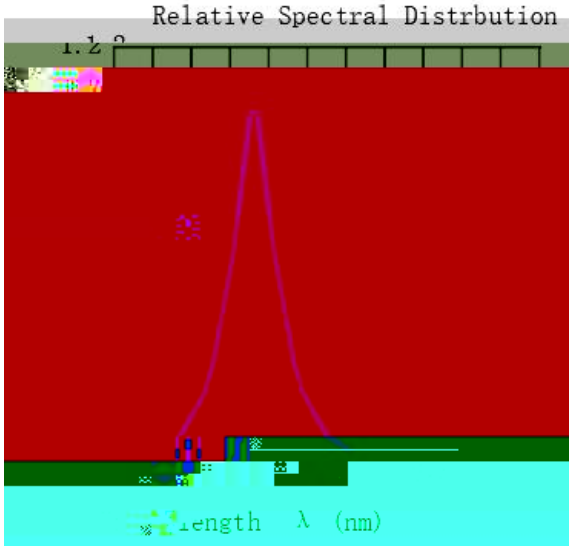
亮度分档

：

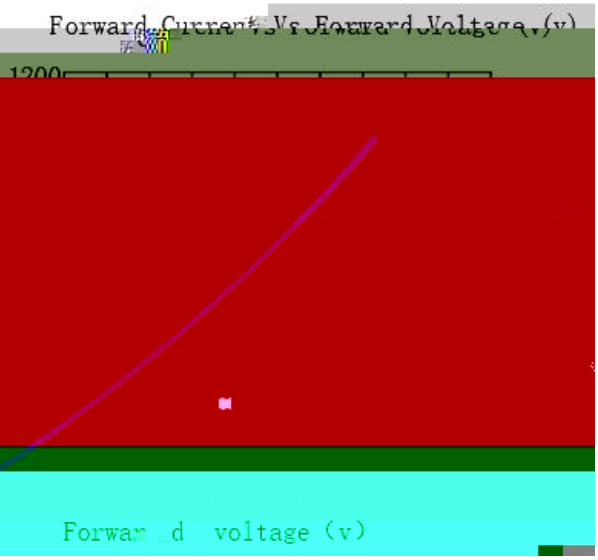
典型特性曲线

Typical Characteristics Curves

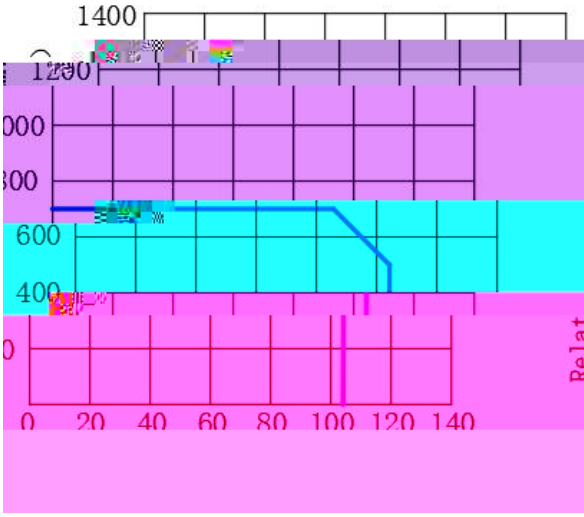
Relative Spectral Distrbution



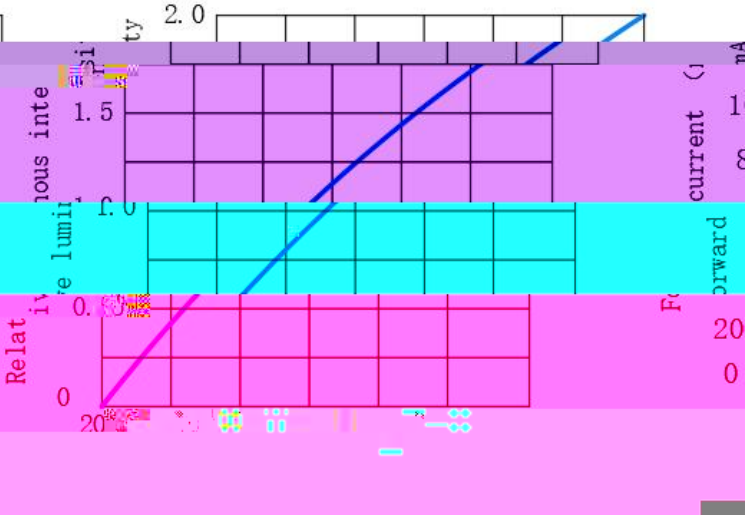
Forward Current Vs Forward Voltage (v)



Forward current derating curve

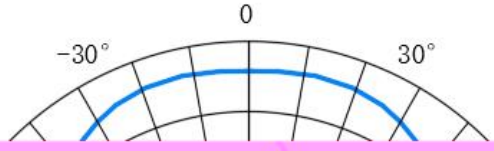


Relative Luminous VS Forward Current



Temperature VS. Relative LuminousFlux

Beam Pattern



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±

可靠性试验

Reliability Test Item's And Conditions

* Reliability Test Project

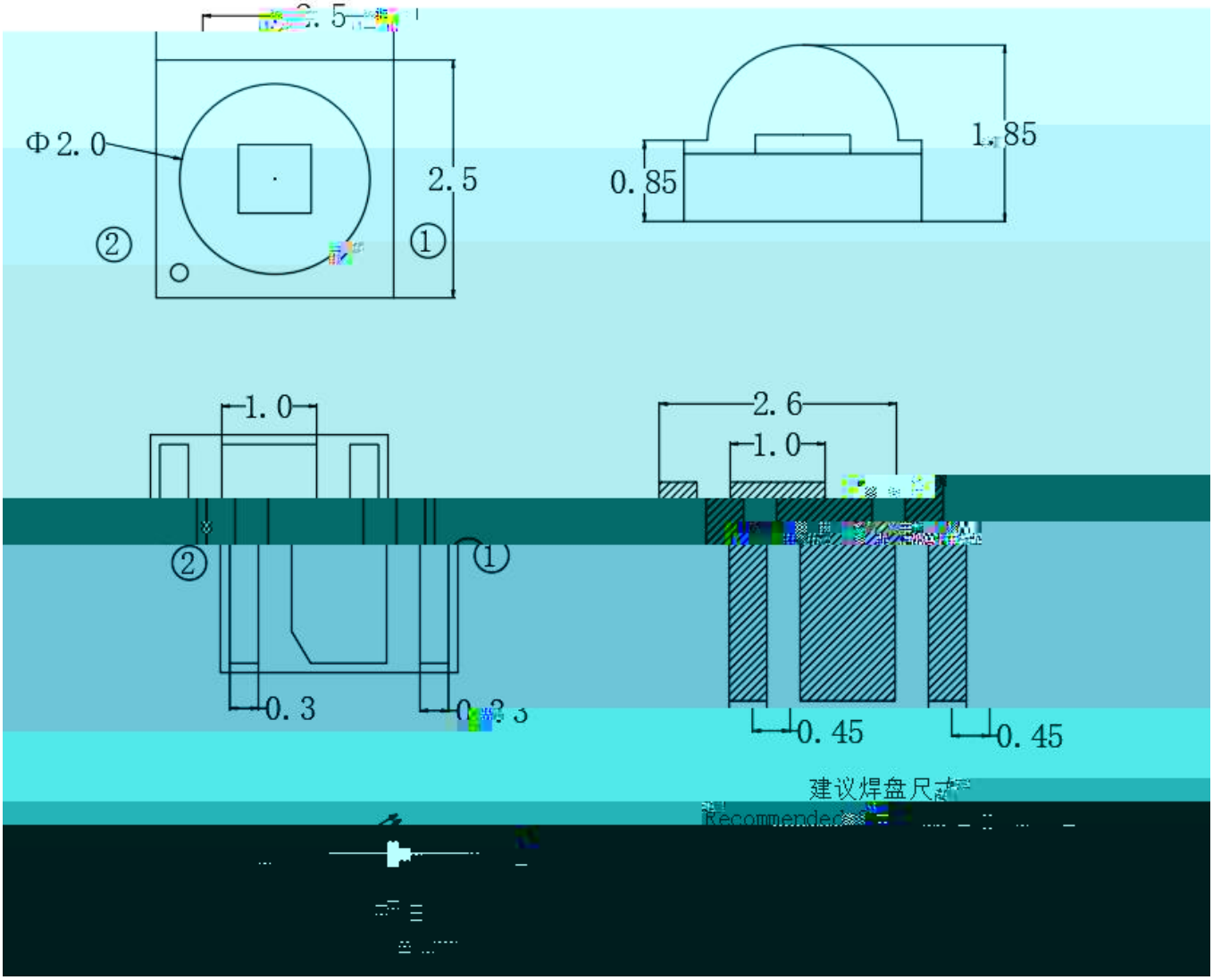
Description	Item	Test criterion	Test condition	Test time	Qty	Fail qty
Life test	Life test(room temperature)	JIS7021:B4	Ta=25 ±5 IF=1000mA	1000Hrs	22	0
Ambience test	High temperature store	JIS7021:B10 MIL-STD-202:210A MIL-STD-750:2031	Ta=85 ±5	1000Hrs	22	0
	Low temperature store	JIS7021:B12	Ta=-35 ±5	1000Hrs	22	0
	High temperature/ humidity test	JIS7021:B11 MIL-STD-202:103D	Ta=85 ±5 RH=85%	1000Hrs	22	0
	Cold / Heat strike test	JIS7021::B4 MIL-STD-202:107D MIL-STD-750:1026	30min -10 ±5 ←→100 ±5 5min 5min	50Cycles	22	0
	Cold and heat cycle test	JIS7021:A3 MIL-STD-202:107D MIL-STD-705:105E	5min 5min 5min -35 25 85 -35 30min 5min 30min 5min	50Cycles	22	0

* Judging criterion:

Item	Symbol	Experiment condition	Criteria	
			Min.	Max.
Forward Voltage	V_F	IF=1000mA	----	Initial Datex1.1
Reverse Current	I_R	V_R=5V	----	10 μ A
Luminous Intensity	IV	IF=1000mA	Initial Datex0.7	----

外形尺寸

Outline Dimension



1. mm

Remarks:

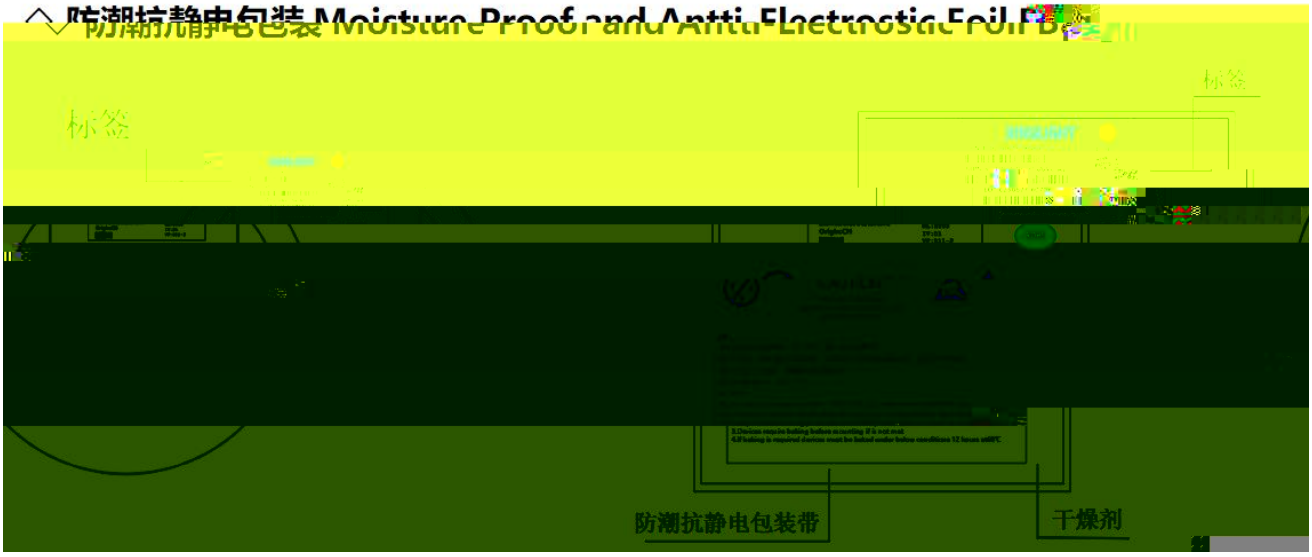
2. ±0.25mm

±

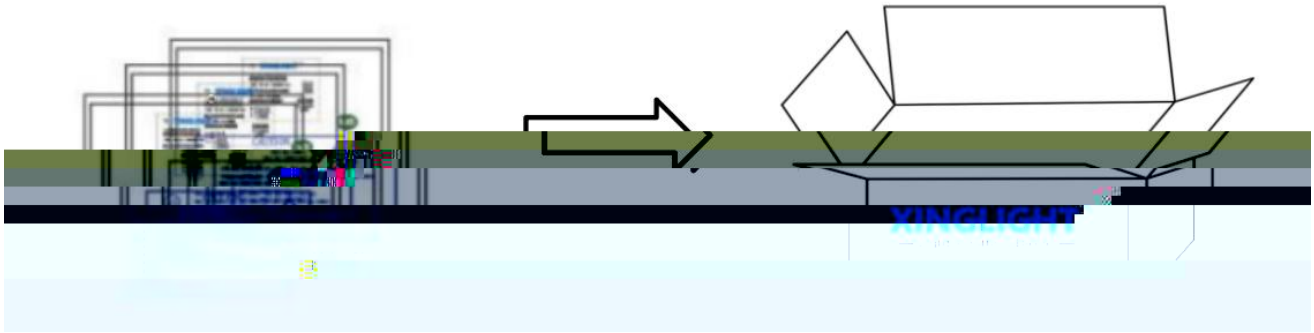
包装（2）

Packaging (2)

◇防潮抗静电包装 Moisture Proof and Antti-Electrostic Foil Bag

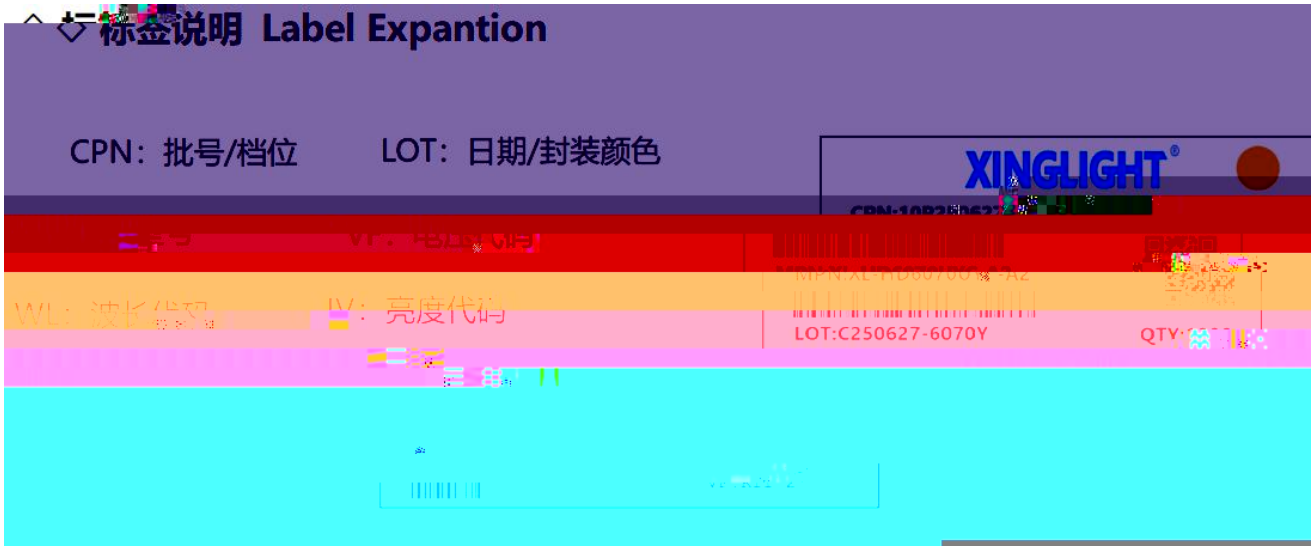


◇外包装箱 Cardboard Box



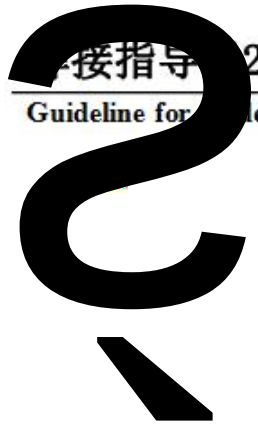
◇标签说明 Label Expantion

CPN：批号/档位　　LOT：日期/封装颜色



[illegible]接指导（2）

Guideline for [illegible]ering (2)



使用注意事项（1）

Precautions (1)

D

XINGLIGHT®

使用注意事项（3）

Precautions (3)

[redacted]