

# KURIOS

## 承认书

### specification For Approval

客户名称 (Customer Name): \_\_\_\_\_

样品编号 (Product ID): **K3** \_\_\_\_\_

产品型号 (Product Model): \_\_\_\_\_

产品规格 (Product Specifications) \_\_\_\_\_

送样日期 (Date): \_\_\_\_\_

客户确认 (Customer acknowledges that)

鹏远光

核准 Approved	审核 Audit	确认 Confirm	业务 Business	工程 Engineering	制作 Make
				Wu	Wu

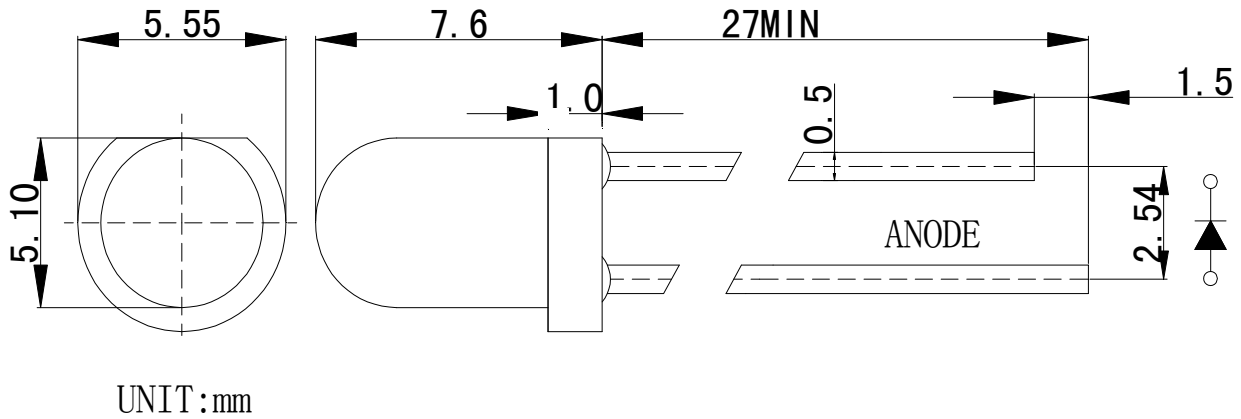
客户确认 (Customer acknowledges that): 合格 Qualified  不合格 Failure

客户意见 (Customer feedback):

# KURIOS

产品型号 Product Model:

尺寸 Dimensions: 单位 Unit: 毫米 mm [英寸] [inch]



备注 (Notes:)

- 1.所有尺寸单位是 mm  
All dimension units are millimeters.
- 2.塑胶部分未标记尺寸的公差为 $\pm 0.05$   
All dimension tolerance is  $\pm 0.05$ mm unless otherwise noted.
- 3.所有胶体底部与引脚处多胶部分大约为 1.5mm  
An epoxy meniscus may extend about 1.5mm down the leads.
- 4.支架部分镍底 30u" min 镀锡厚度 80 u" min
- 5.支架长度最大公差为 $\pm 0.12$ mm 以内

LED Chip (LED 芯片)		胶体颜色
材料 Material	发光颜色 Emitting Color	Lens Color
InGaN	无	Blue Transparent

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产品型号 Product Model:

最大绝对额定值(室温 = 25°C) Absolute Maximum Ratings at (Ta = 25°C)

项目 ITEMS	符号 SYMBOL	最大绝对额定值 ABSOLUTE MAXIMUM RATING	单位 UNIT
正向电流 Forward Current	IF	25	mA
峰值正向电流 Peak Forward Current	IFP	100	mA
连续工作电流 Continuous Forward Current	IL	20	mA
反向电压 Reverse Voltage	VR	5	V
功耗 Power Dissipation	PD	150	mW
工作温度 Operation Temperature	Topr	-40 ~ +80	°C
贮存温度 Storage Temperature	Tstg	-40 ~ +80	°C
引脚镀锡温度 Lead Soldering Temperature	Tsol	详细在附件内	

主要光电特性 (室温 = 25°C) Typical Electrical & Optical Characteristics (Ta = 25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Radiant intensity	Ee	---		---	mW/Sr	IF=20mA(Note1)
Viewing Angle	$2\theta_{1/2}$	---	45	---	Deg	(Note 2)
Peak Emission Wavelength	$\lambda_p$	---	940	---	nm	IF=20mA
<b>Transmitting distance</b>	H	8	---	10	m	IF=20mA
Forward Voltage	V <sub>F</sub>	1.0	---	1.5	V	IF=20mA
Reverse Current	I <sub>R</sub>	---	---	10	μA	VR=5V

## Note:

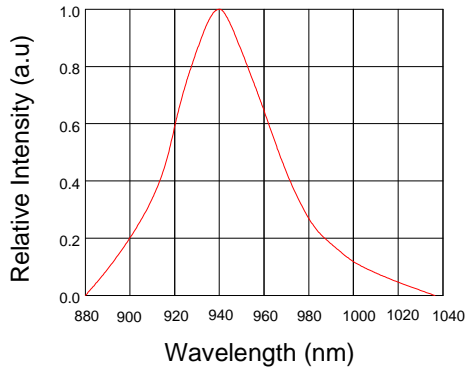
1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2.  $\theta_{1/2}$  is the off-axis angle at which the luminous intensity is half the axial luminous intensity.

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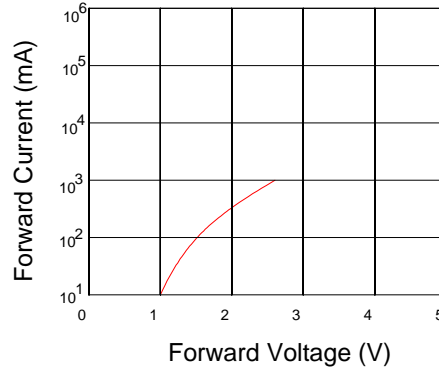
## 产品型号 Product Model:

### Typical Electro-Optical Characteristics Curves

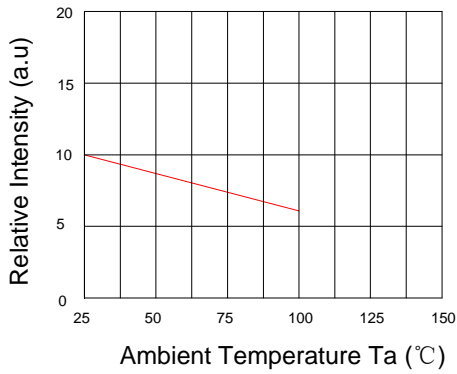
Relative Intensity VS. Wavelength



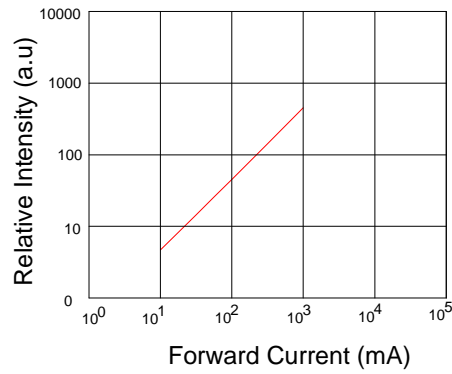
Forward Current VS. Forward Voltage



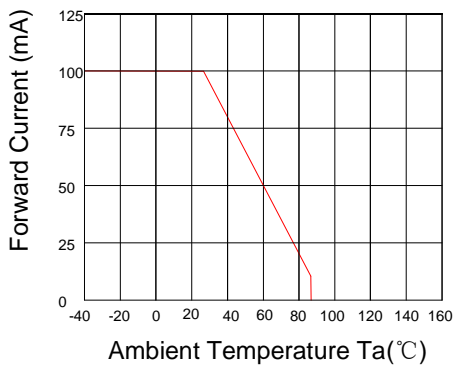
Relative Intensity VS. Ambient Temp



Forward Current VS. Relative Intensity



Forward Current VS. Ambient Temp.



Radiation Characteristics

