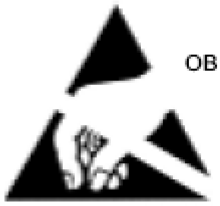
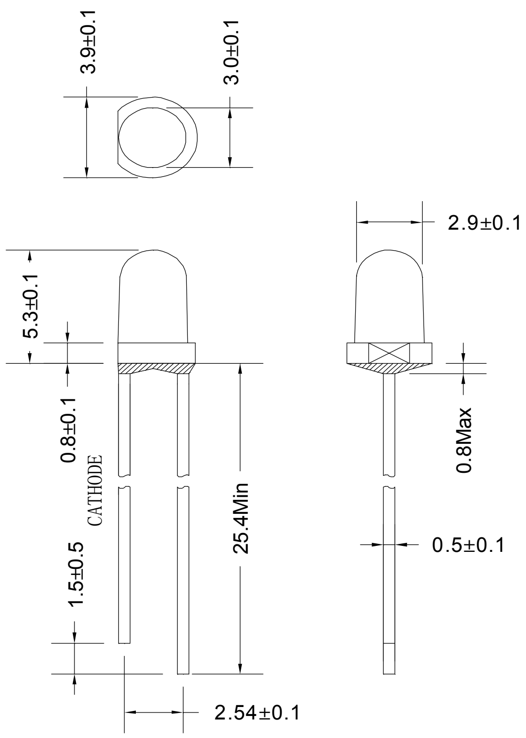
LED BLANCO CALIDO 3mm



ATTENTION

OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES



Features/# $ "

- Single color/ !″
- High bright output/#$ % &’
- Low power consumption/()*
- High reliability and long life

  /+, -#. /01

Descriptions/% & "

- Dice material/23456 GaInN
- Emitting Color/7″8!6

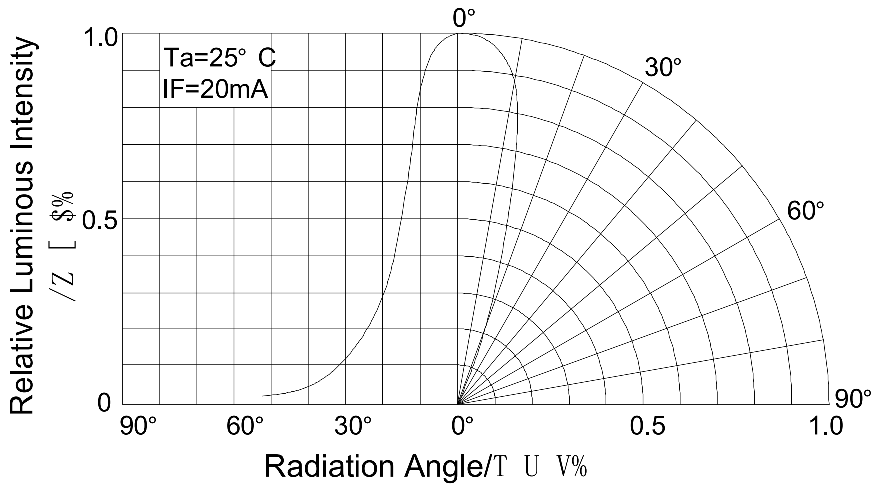
  Warm color white/9:!
- Device Outline/;<=>6

  ? 3mm Cuppy Type/3mm @>
- Lens Type/AB8!6
- Water Clear/C!DE

NOTE/' (:

- All dimensions are millimeters/FGHI J6 mm.
- Tolerance is +/-0.20mmunless otherivise noted/K LMNOPQRS 0.20mm

DIRECTIVITY/W XY-



Absolute maximum ratings/极限参数（Ta = 25℃）

Parameter 参数	Symbol 符号	Test Condition 测试条件	Value 数值		Unit 单位
			Min.	Max.	
Reverse Voltage 反向电压	V_R	I_R = 30μA	5	--	V
Forward Current 正向工作电流	I_F	----	----	25	mA
Power Dissipation 损耗功率	Pd	----	----	90	mW
Pulse Current 正向峰值电流	Ipeak	Duty=0.1mS，1kHz	----	100	mA
Operating Temperature 工作温度范围	Topr	----	-40	+85	℃
Storage Temperature 储存温度范围	Tstr	----	-40	+100	℃

Electrical and optical characteristics/光电参数（Ta = 25℃）

Parameter 参数	Symbol 符号	Test Condition 测试条件	Value 数值			Unit 单位
			Min.	Typ.	Max.	
Forward Voltage 正向电压	V_F	I_F = 20mA	----	3.2	3.6	V
Reverse Current 反向电流	I_R	V_R = 5V	----	----	30	μA
Luminous Intensity 发光强度	I_V	I_F = 20mA	2500	4500	----	mcd
Viewing Angle 指向角度	2θ1/2	I_F = 20mA	----	30	----	Deg.

Luminous Intensity Bins Chart/亮度等级（Ta = 25℃）

Bin	W	X	Y	Z1
Min	3000	4000	6000	8000
Max	4000	6000	8000	10000

Typical electrical/optical characteristic curves/光电特性曲线：

Fig.1 正向电流 Vs. 正向电压

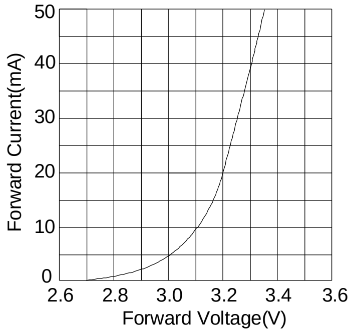


Fig.2 相对亮度 Vs. 正向电流

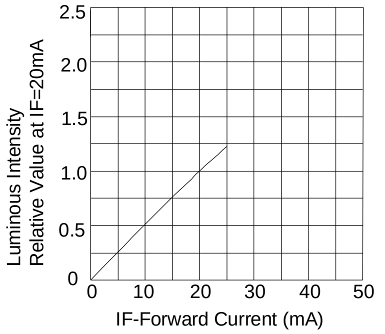


Fig.3 正向电流 Vs. 环境温度

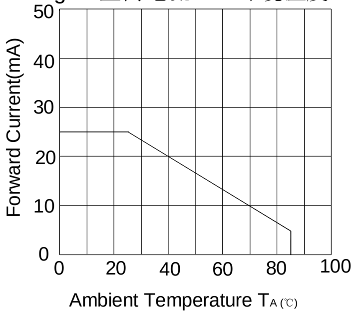


Fig.4 相对亮度 Vs. 环境温度