

	CUSTOM	ER 客户	¹ :	
	承	认规	限格书	
	SPECIFICA	TION	FOR	APPROVAL
规格型号:	LBL050RCI		承认单位:	
样品编号:		-C	客户反馈意见:	

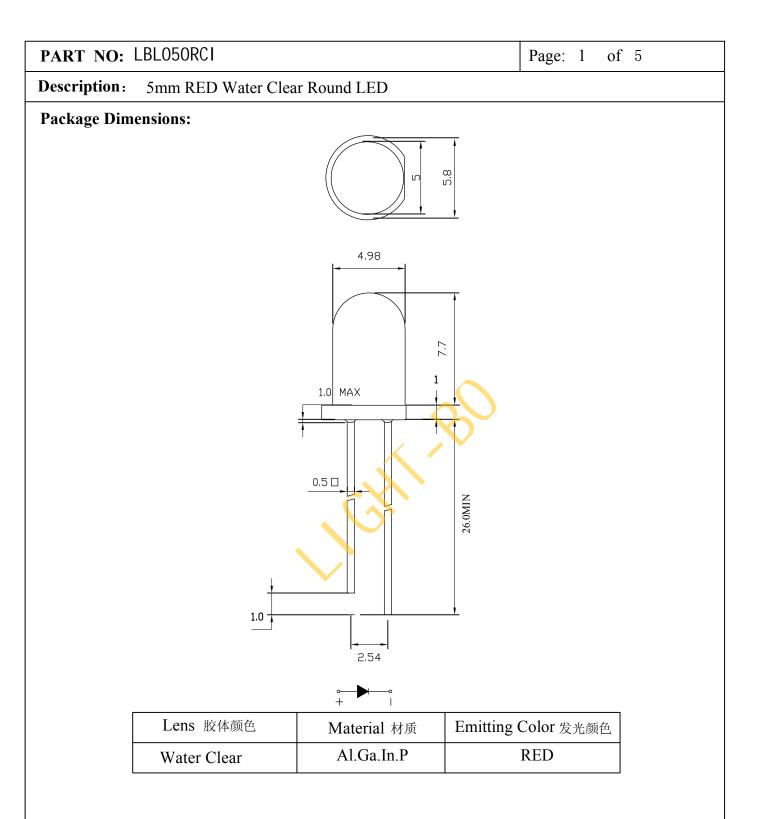
认定盖章Approval Cover Chapter				
核准	审核	制作		

认定盖述	章Approv	al Cover	Chapter
核准	品管	工程	采购

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NOTES

1.All dimensions are in millimeters .

2. Tolerance is ± 0.25 mm unless otherwise noted.

- 3. Protruded resin under flange is 1.0mm max.
- 4.Lead spacing is measured where the leads emerge from the package.
- 5. Specifications are subject to change without notice.

PART NO:

LBL050RCI

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Absolute Maximum Ratings at TA=25 °C

Maximum Ratimg	Unit
150	mW
50	mA
20	mA
5	V
−20°C to+80°C	
−40°C to+100°C	
300°C for 3second	8
	150 50 20 5 −20°C to+80°C −40°C to+100°C

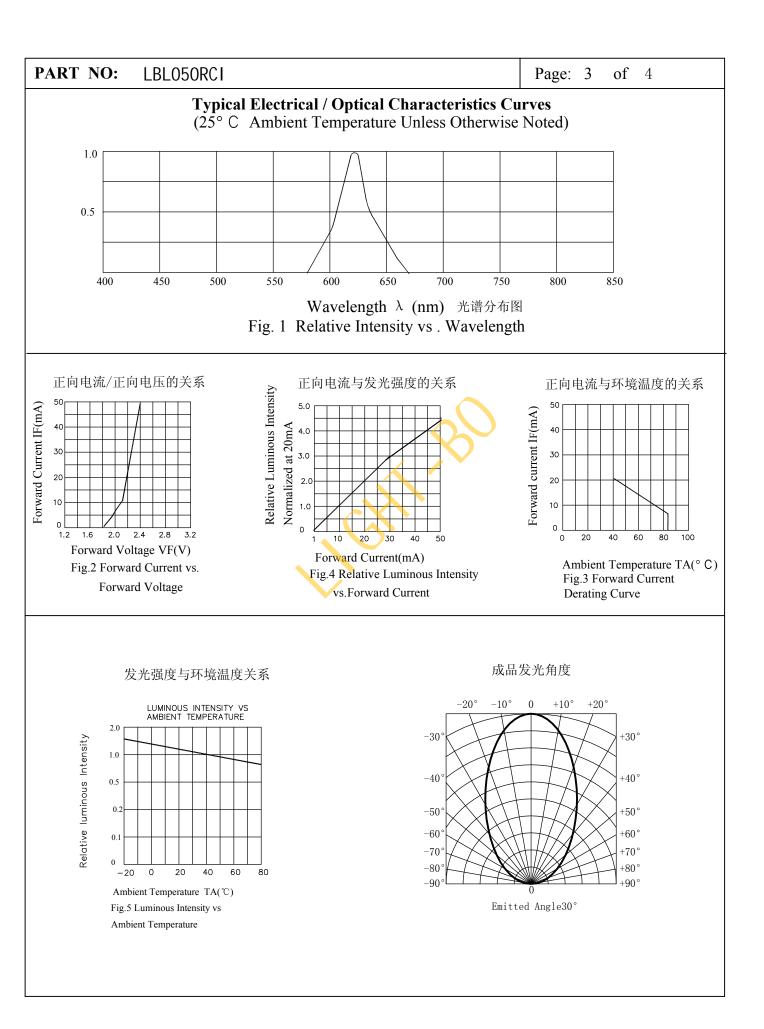
Electrical Optical Characteristics at TA=25 °C

Parameter 参数名称	Symbol	Min	Тур.	Max.	Unit	Test Condition
Luminous Intensity 发光亮度	Iv	18000		22000	mcd	IF=20mA
Viewing Angle 角度	2 0 1/2		30°		deg	
Peak Emisson Wavelength 峰值波长	λp			625	nm	
Dominant Wavelength 标准波长	λd	620			nm	IF=20mA
Spectral Line Half-Width 频谱半宽	Δλ		30		nm	
Forward Voltage 正向电压	VF	2.0		2.2	V	IF=20mA
Reverse Current 反向漏电流	IR			10	μΑ	VR=5V

Note: 1.Luminous intensity is measured with a light sensor and filter combination that approximates CIE (Commission International Dd L Eclairage)eye-response curve.

- 2. θ 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3. The dominant wavelength, λ d is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.

4. The Iv guarantee should be added $\pm 15\%$.



	Г NO: LBL050R	CI		Page: 4 of 4
		CAU	TIONS	
equipm inform malfun	LEDs described here are nent, communication ecation on applications in	e intended to be used to puipment and househo n which exceptional re directly jeopardize lit	for ordinary electronic ld applications).Consu eliability is required, fe or health(such as in	equipment (such as office alt S L,s Sales in advance for particularly when the failure or aviation ,transportation, traffic
It is re For ex	torage ambient for the I ecommended that LED	s out of their original heir original packagin	packaging are used wi g,it is recommended th	nat the LEDs be stored in a
3. Clea Use	ning alcohol-based cleaing s	solvent such as isopro	pyl alcohol to clean th	e LEDs if necessary.
Lead Durii 5.Sold Whe Dip Do 1	ering en soldering leave a mi pping the lens into the so	e before soldering,at n se minimum clinch fo nimum of 2mm cleara older must be avoided stress to the lead fram	ormal temperature. Free possible to avoid of Ince from the base of t	excessive mechanical stress. he lens to the soldering point. ile the LED is at high temperature
	Solderin	g iron	Wave	soldering
	Temperature	320°C Max 3 sec.Max	Pre-heat Pre-heat time Solder wave	100° C Max 60sec.Max 260° C Max
	Soldering time	(one time only)	Soldering time	10sec.Max
		mperature and/or time	Soldering time	
catas 6.Drive An LEI connect	Excessive soldering te	mperature and/or time ED. device,In order to ens lication,it is recomme ait,in series with each	Soldering time e might result in deform ure intenity uniformity unded that a current lim	10sec.Max mation of the LED lens or y on multiple LEDs niting resistor be

7.Protece Of ESD

Since the device is static sensitive, it is recommended that anti-static measures should be taken on human body, all devices (including soldering iron) and equipment, machinery, desk and ground.