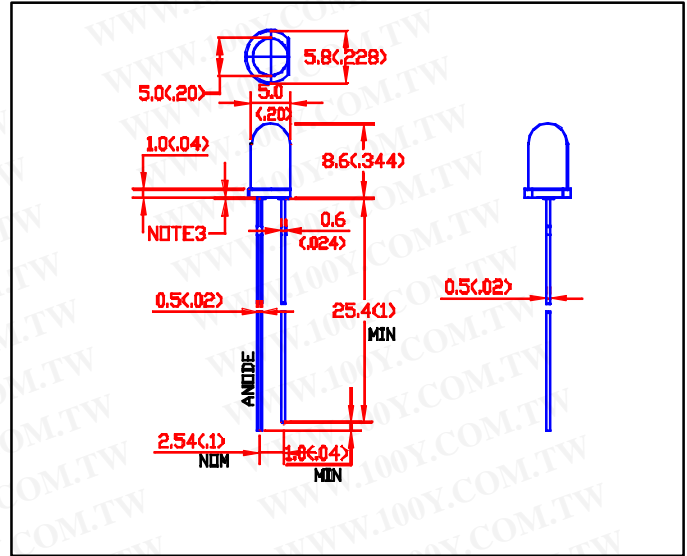


Characters

- § High intensity.
- § Viewing angle 15°.
- § Reliable and Rugged
- § Standard 5mm diameter package.

Outline Dimensions

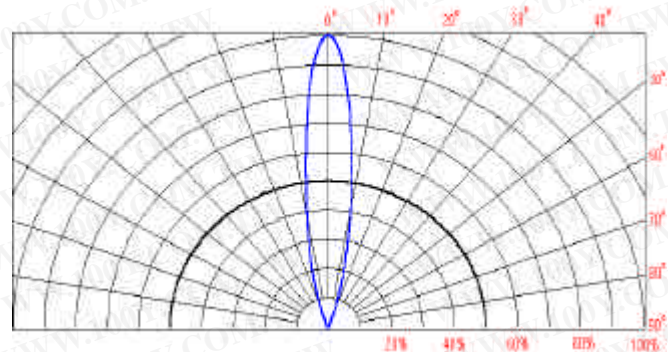


ITEM	MATERIALS
Resin(Mold)	Epoxy
Lens Color	Water Transparent
Lead Frame	Ag Plating Iron Alloy
Dice	InGaN

Absolute Maximum Ratings (Ta=25)

Item	Symbol	Value	Unit
		White	
Power Dissipation	PD	120	mW
DC Forward Current	IF	20	mA
Pulsed Forward Current	IFP	100 *	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-25 ~ +80	
Storage Temperature	Tstg	-40 ~ +100	
Soldering Temperature	Tsol	260	

Directive Characteristics(Ta=25°)



* Duty 1/10 Pulse Width 0.1ms This Rating is Zener Diode
 At the position of 4mm from the bottom of the package within 5 seconds.

Electrical-Optical Characteristics (Ta=25)

Relative Luminous Intensity

Part No.	Luminous Intensity (mcd)			Forward Voltage (V)			Forward Voltage (V)		Reverse Current(μ A)		Wavelength Characteristics		
	Typ.	Min.	IF (mA)	Typ.	Max.	IF (mA)	Min.	IF (μ A)	Max.	VR (V)	X	Y	IF (mA)
LA504W1CA-1B/02	10000	8000	20	3.2	3.8	20	2.0	100	50	5	0.2793	0.2467	20

Axial Direction (luminous Intensity)

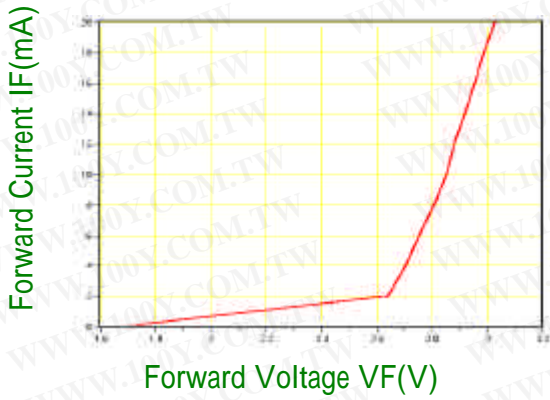
Notes:

- § All dimensions are in millimeters (inches) .
- § Tolerance is ± 0.25 (.010) mm unless otherwise noted.
- § Protruded resin under flange is 1.0 mm (.04) max.
- § Lead spacing is measured where the leads emerge from the package.
- § Caution in ESD: Static Electricity and surge damages the LED. It is recommend to use a wrist band or anti-electrostatic glove when handling the LED. All devices, Equipment and machinery must be properly grounded.

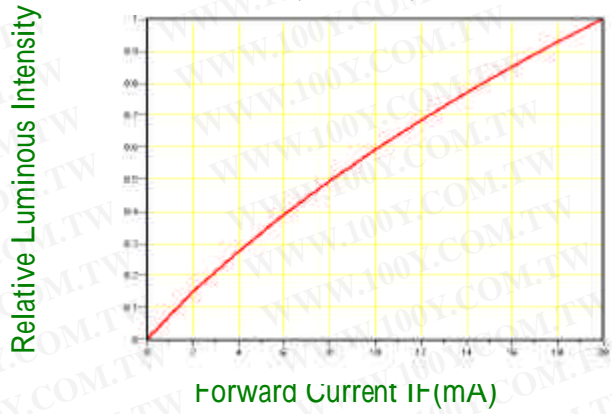
Typical Characteristics

The data typical, and the value is not guaranteed.

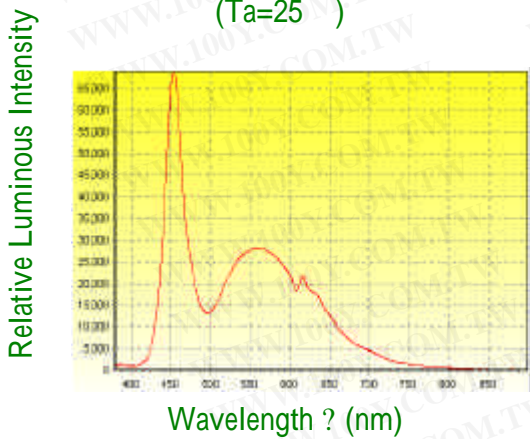
IF-VF (Ta=25)



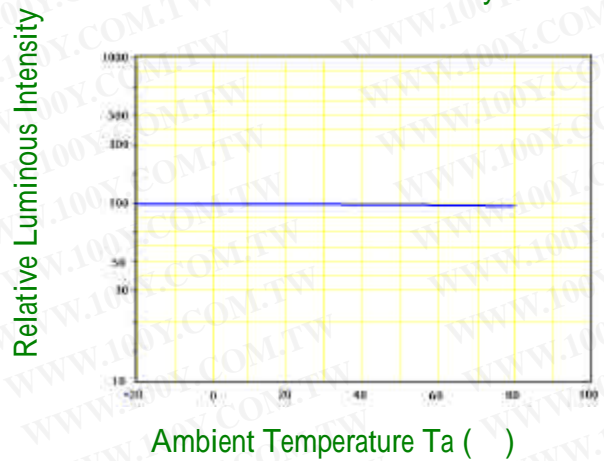
Relative Luminous Intensity-IF (Ta=25)



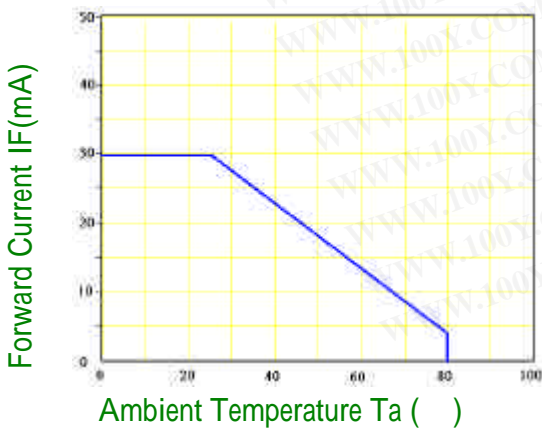
Wavelength Characteristics (Ta=25)



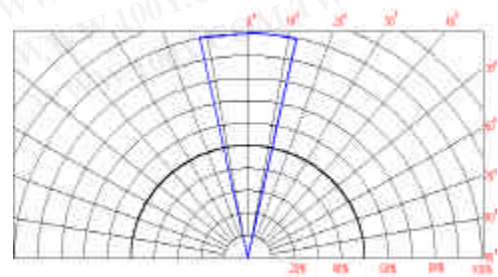
Relative Luminous Intensity-Ta



IF-Ta



? - ? (Ta=25)



Wavelength ? (nm)