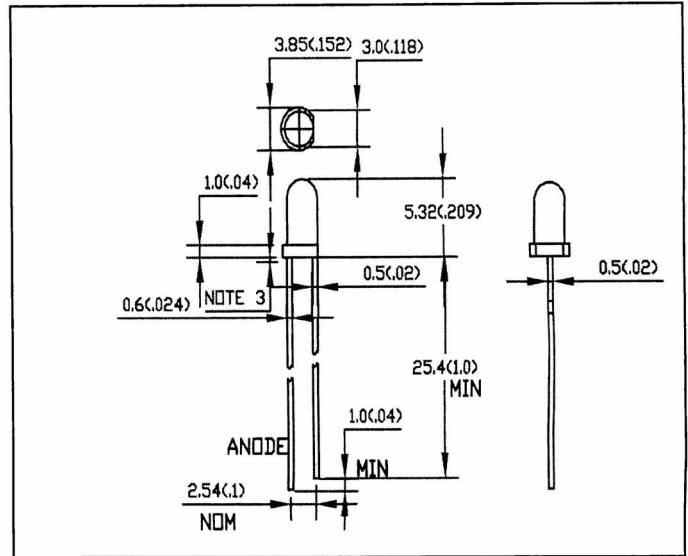


Characters

- § Viewing angle 15°.
- § Reliable and Rugged
- § Standard 3mm diameter package.

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

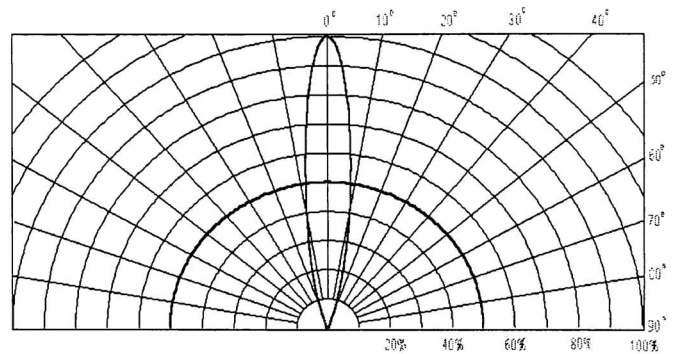
Outline Dimensions



Absolute Maximum Ratings (Ta=25°C)

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

Directive Characteristics (Ta=25°C)



* 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°C)

Relative Luminous Intensity

Part No.	Luminous Intensity (mcd) ☆			Forward Voltage (V)			Forward Voltage (V)			Reverse Current(μA)		Wavelength Characteristics (nm)			
	Typ.	Min.	IF (mA)	Typ.	Max.	IF(mA)	Min.	IF(μA)	Max.	VR (V)	λ D Typ.	λ D Max.	Δ λ Typ.	IF (mA)	
BL304A2CA1A01	1500	1154	20	1.8	2.3	20	1.3	100	50	5	606	611◆	20	20	

☆ Axial Direction (luminous Intensity)

◆ Products are sorted by wavelength, which cannot be specified by customer.

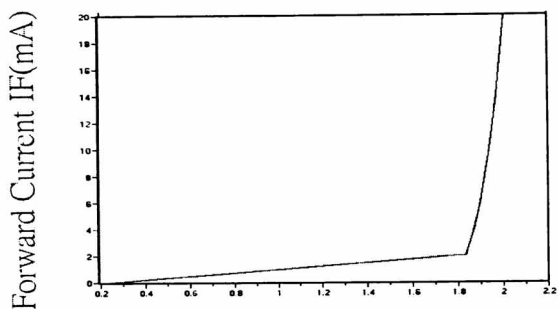
Notes:

- § 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.

Typical Characteristics

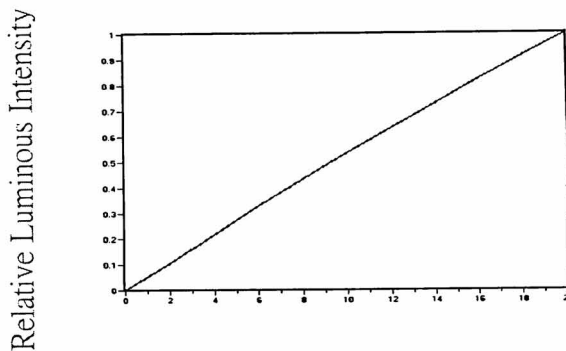
The data typical, and the value is not guaranteed.

IF-VF (Ta=25°C)



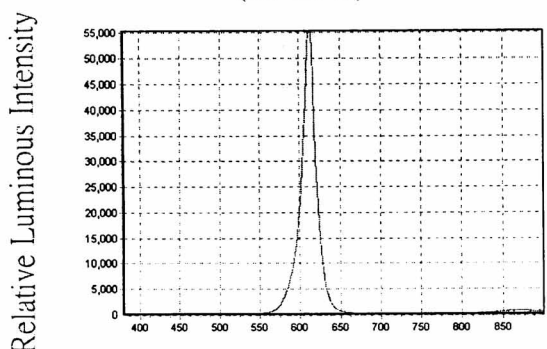
Forward Voltage VF (V)

Relative Luminous Intensity-IF (Ta=25°C)



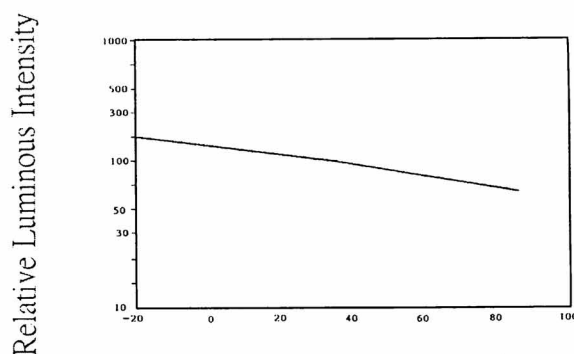
Forward Current IF (mA)

Wavelength Characteristics (Ta=25°C)



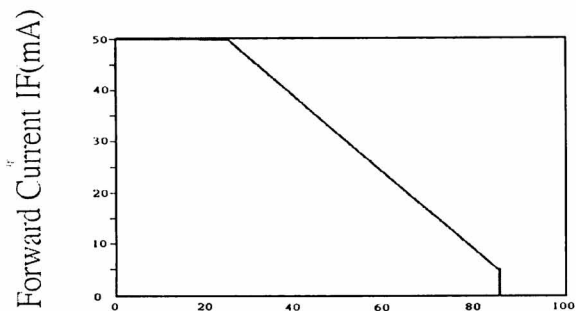
Wavelength λ (nm)

Relative Luminous Intensity-Ta



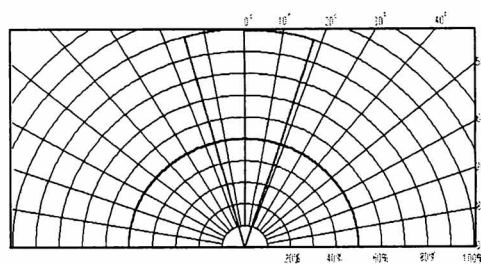
Ambient Temperature Ta (°C)

IF-Ta



Ambient Temperature Ta (°C)

θ - λ (Ta=25°C)



Wavelength λ (nm)