Part No.: JSL-322URUBW

Features:

- Long life solid state reliability.
- Low power consumption
- I.C.compatible.
- Compliance with EU REACH.
- RoHs Compliant

Descriptions:

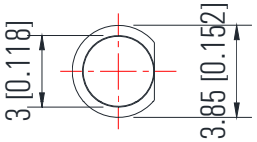
- Emitting Color: Red+Blue Bi-Color.
- Device Outline: Φ3mm Round Type.
- Lens Type: White Diffused.
- The lamp contain two chips and is available as both bicolor and bipolar types.
- The designed for avariety of applications where require dual illumination.

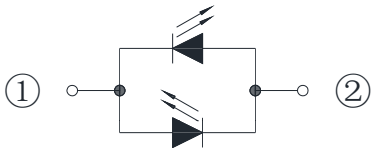
Application:

- Circuit board.
- Indicators.
- Computer.
- Home appliance.
- Industrial.

Part No.: JSL-322URUBW

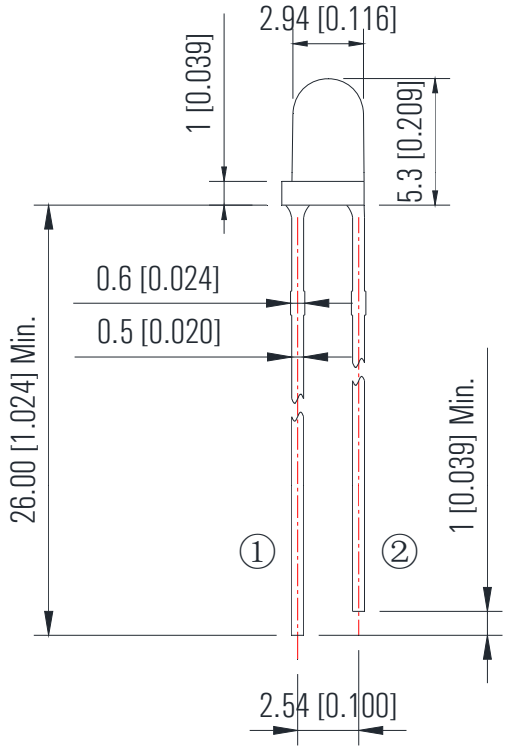
Package Dimension:

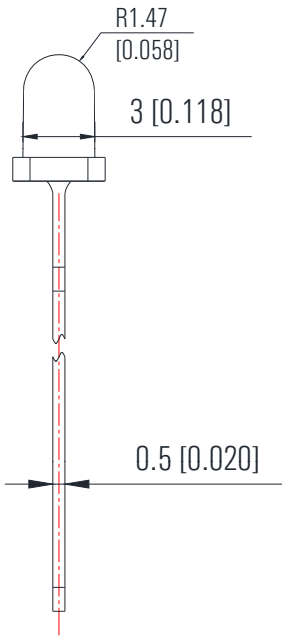




1 Anode the First Color,
Cathode the Second Color
2 Anode the Second Color,
Cathode the First Color

Polarity





Notes:

1. All dimensions are millimeters/单位：mm.
2. Tolerance is +/-0.25mm unless otherwise noted/
没有标注的公差均为±0.25mm

Part No.: JSL-322URUBW

Absolute maximum ratings（Ta = 25℃）

Parameter	Symbol	Test Condition	Values		Unit
			Min.	Max.	
Reverse Voltage	V_R	I_R = 30 μA	----	5	V
Forward Current	I_F	----	----	25	mA
Power Dissipation	P_d	----	Red	60	mW
			Blue	85	
Pulse Current	I_{peak}	Duty=0.1mS，1kHz	----	100	mA
Operating Temperature	T_{opr}	----	-40	+85	℃
Storage Temperature	T_{str}	----	-40	+85	℃

Electrical and optical characteristics（Ta = 25℃）

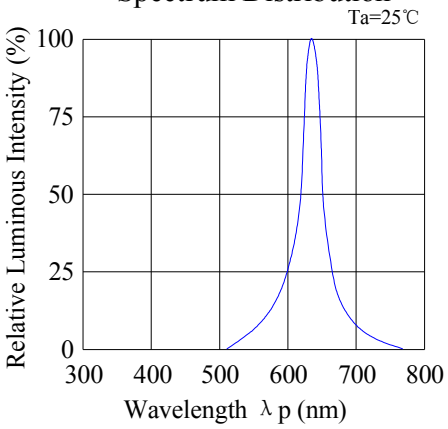
Parameter	Symbol	Test Condition	Color	Value			Unit
				Min.	Typ.	Max.	
Forward Voltage	V_F	I_F = 20mA	UR	1.8	2.0	2.2	V
			UB	2.7	3.0	3.2	
Reverse Current	I_R	V_R = 5V	UR	---	---	5	μA
			UB	---	---	5	
Dominate Wavelength	λ_d	I_F = 20mA	UR	---	624	---	nm
			UB	---	470	---	
Peak Wavelength	λ_p	I_F = 20mA	UR	---	632	---	nm
			UB	---	468	---	
Spectral Line half-width	$\Delta\lambda$	I_F=20mA	UR	----	20	----	nm
			UB				
Luminous Intensity	I_V	I_F = 20mA	UR	300	500	----	mcd
			UB	400	600	----	
Viewing Angle	$2\theta_{1/2}$	I_F = 20mA	UR	---	60	---	deg
			UB				

Part No.: JSL-322URUBW

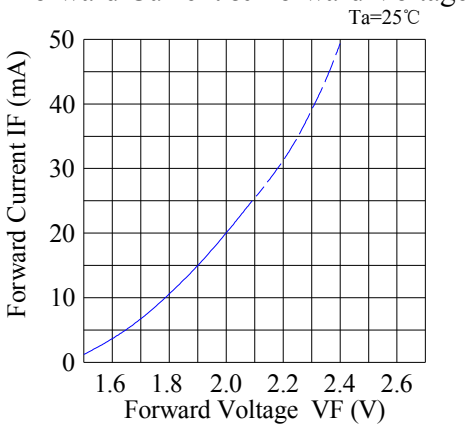
Typical electrical/optical characteristic curves:

(25℃Ambient Temperature Unless Otherwise Noted)

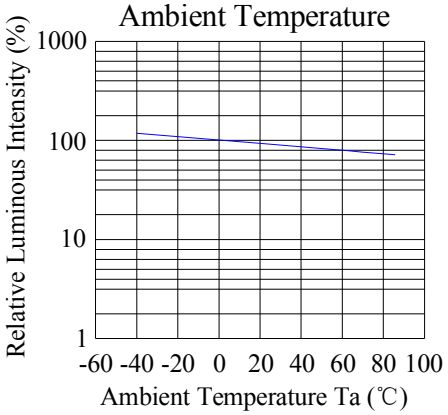
Spectrum Distribution



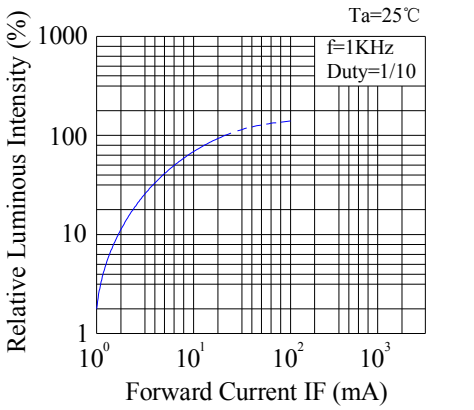
Forward Current & Forward Voltage



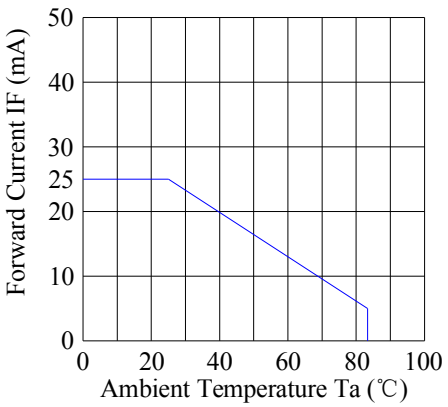
Luminous Intensity & Ambient Temperature



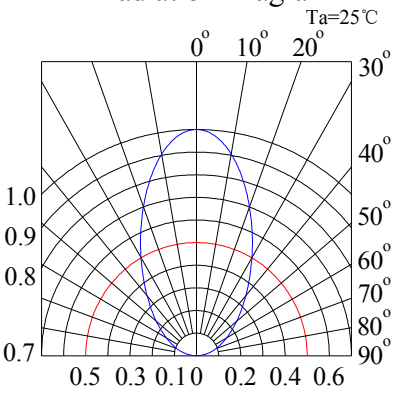
Luminous Intensity & Forward Current



Forward Current Derating Curve



Radiation Diagram

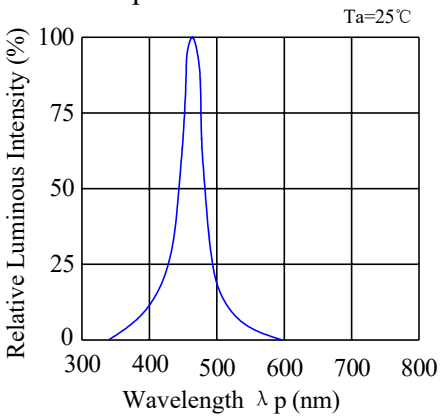


Part No.: JSL-322URUBW

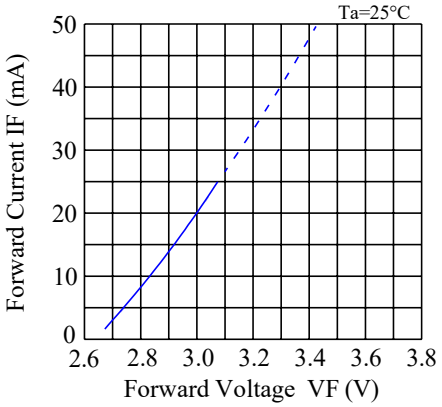
Typical electrical/optical characteristic curves:

(25℃Ambient Temperature Unless Otherwise Noted)

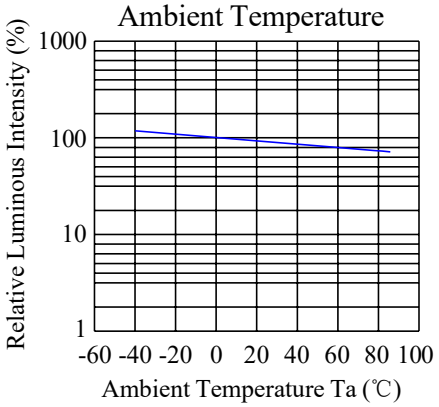
Spectrum Distribution



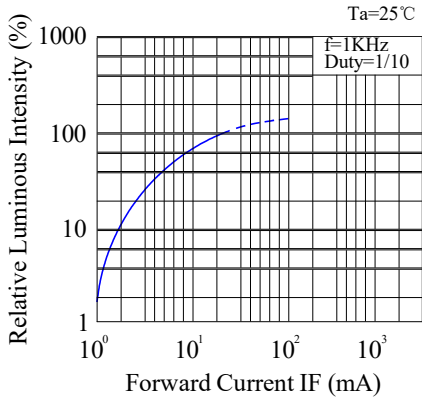
Forward Current & Forward Voltage



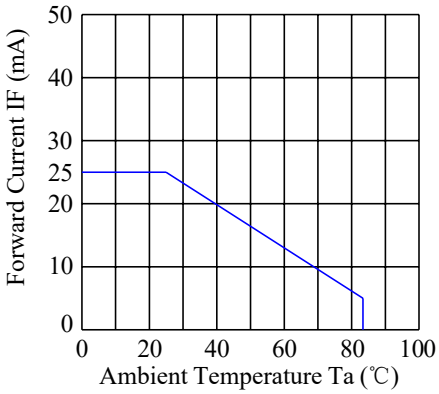
Luminous Intensity & Ambient Temperature



Luminous Intensity & Forward Current



Forward Current Derating Curve



Radiation Diagram