



JSTRONIC

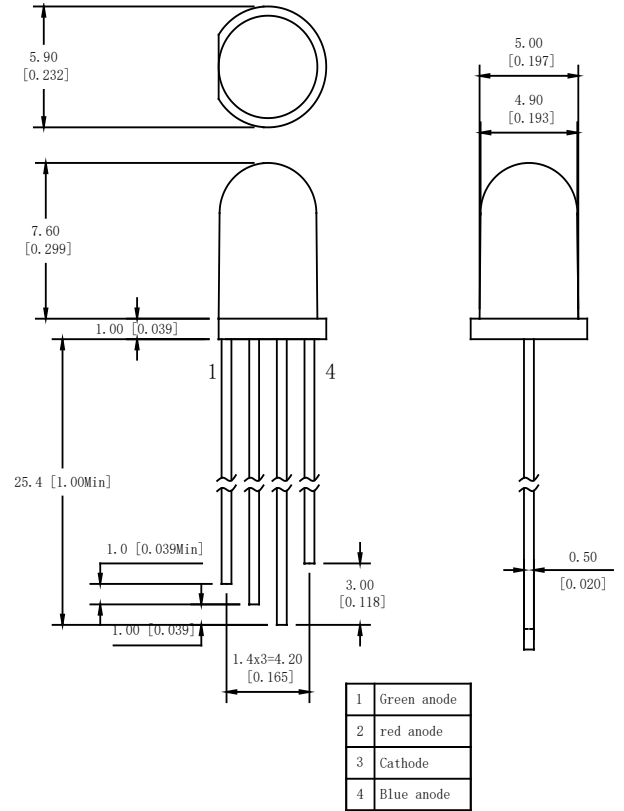
Part No.: JSL-531URGBW-CC

Features:

- RGB color
- Common Cathode
- High bright output
- Low power consumption
- High reliability and long life

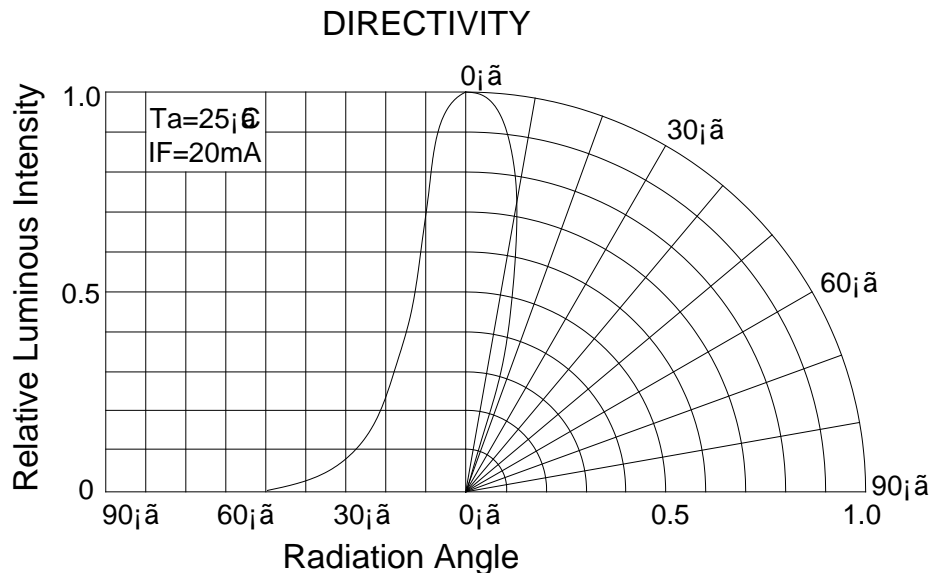
Descriptions:

- Dice material: AlGaInP
- Emitting Color: Super Bright RGB
- Device Outline: ϕ 5mm Round Type
- Lens Type: White diffused



Directivity:

1. All dimensions are millimeters
2. Tolerance is ± 0.20 mm unless otherwise noted





Part No.: JSL-531URGBW-CC

4、 Absolute maximum ratings (Ta = 25°C):

Parameter	Color	Symbol	Test Condition	Value		Unit
				Min.	Max.	
Power Dissipation	Red	Pd	---	---	75	mW
	Green				120	
	Blue				120	
Reverse Voltage	---	VR	IR = 30 μ A	5	---	V
Pulse Current	---	IFp	Duty=0.1, 1kHz	---	100	mA
Forward Current	---	IFm	---	---	25	mA
Operating Temperature	---	Topr	---	-40	+80	°C
Storage Temperature	---	Tstr	---	-40	+85	°C

5、 Electrical and optical characteristics (Ta = 25°C):

Parameter	Color	Symbol	Test Condition	Value			Unit
				Min.	Typ.	Max.	
Forward Voltage	Red	VF	IF = 20mA	1.8	---	2.5	V
	Green			2.8	---	3.5	
	Blue			2.8	---	3.5	
Reverse Current	---	IR	VR = 5V	---	---	30	μ A
Wavelength	Red	Tc	IF = 20mA	620	---	635	nm
	Green			520	---	530	
	Blue			460	---	470	
Luminous Intensity	Red	Iv	IF = 20mA	600	---	800	mcd
	Green			2000	---	3000	
	Blue			700	---	1000	
Viewing Angle	---	2 θ 1/2	IF = 20mA	---	50	---	Deg.

Part No.: JSL-531URGBW-CC

6. Typical photoelectricity characteristic curve chart

