

LED

LAMP

Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
		5R99RGBC-3CA	
Forward Current	IF	25	mA
Peak Forward Current	IFP	100	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-30 to +65	°C
Storage Temperature	Tstg	-30 to +85	°C
Soldering Temperature	Tsld	260±5	°C

Note: *1:IFP Conditions --- Pulse Width ≦ 1msec and Duty ≦ 1/10.

*2:Soldering time ≦ 5 seconds.

Feature

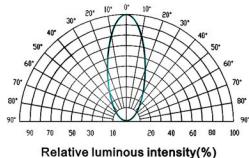
- 5Φ Round Package
- Water Clear
- Viewing Angle(2θ 1/2:40°)

Applications

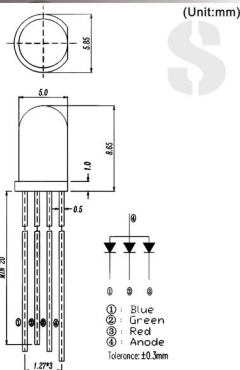
RED GREEN BLUE

architectural and decorating lighting accessories, electrical appliances.

Radiation Diagram



Outline Dimensions



Characteristics

(Ta = 25°C)

5R99RGBC-3CA	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Full-Color	R	IF=20mA	-	2.0	2.5	V
		G		-	3.2	4.0	
		B		-	3.2	4.0	
Luminous Intensity	Full-Color	R	IF=20mA	200	-	800	mcd
		G		700	-	2700	
		B		200	-	800	
Dominant Wavelength	Full-Color	R	IF=20mA	615	-	635	nm
		G		510	-	535	
		B		460	-	475	
Half Bandwidth	Full-Color	R	IF=20mA	-	16	-	nm
		G		-	35	-	
		B		-	30	-	
Reverse Current	IR	VR=5V	-	-	10	μA	