

# LED

# LAMP

## Feature

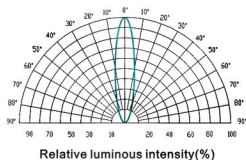
- 5Φ Round Package
- Water Clear
- Viewing Angle(2θ @ 1/2:20°)

## Applications

RED YELLOW GREEN BLUE

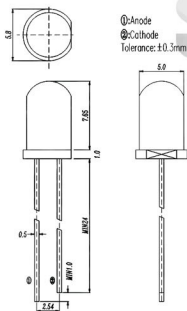
electrical appliances,  
architectural and decorating lighting

## Radiation Diagram



## Outline Dimensions

(Unit:mm)



## Absolute Maximum Ratings

Parameter	Symbol	Value		Unit
		5R35E/YXXC-6C	5R35G/BXXC-6C	
Forward Current	IF	25	25	mA
Peak Forward Current	IFP	150	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.

## Characteristics

(Ta = 25°C)

5R35EXXC-6C	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Red	VF	IF=20mA	-	2.0	2.5	V
Reverse Current		IR	VR=5V	-	-	10	μA
Luminous Intensity		IV	IF=20mA	600	-	12000	mcd
Dominant Wavelength		λd	IF=20mA	610	-	640	nm
Half Bandwidth		Δλ	IF=20mA	-	16	-	nm

5R35YXXC-6C	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Yellow	VF	IF=20mA	-	2.0	2.5	V
Reverse Current		IR	VR=5V	-	-	10	μA
Luminous Intensity		IV	IF=20mA	300	-	12000	mcd
Dominant Wavelength		λd	IF=20mA	580	-	597	nm
Half Bandwidth		Δλ	IF=20mA	-	16	-	nm

5R35GXXC-6C	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Green	VF	IF=20mA	-	3.2	4.0	V
Reverse Current		IR	VR=5V	-	-	10	μA
Luminous Intensity		IV	IF=20mA	1300	-	17000	mcd
Dominant Wavelength		λd	IF=20mA	500	-	535	nm
Half Bandwidth		Δλ	IF=20mA	-	35	-	nm

5R35BXXC-6C	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Blue	VF	IF=20mA	-	3.2	4.0	V
Reverse Current		IR	VR=5V	-	-	10	μA
Luminous Intensity		IV	IF=20mA	600	-	10000	mcd
Dominant Wavelength		λd	IF=20mA	450	-	480	nm
Half Bandwidth		Δλ	IF=20mA	-	30	-	nm