

LED LAMP

Absolute Maximum Ratings

Parameter	Symbol	Value		Unit
		5R35E/YXXC-3A	5R35G/BXXC-3A	
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.

Feature

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

Applications

RED YELLOW GREEN BLUE

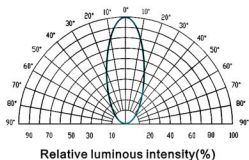
electrical appliances,
architectural and decorating lighting

Characteristics

(Ta = 25°C)

5R35EXXC-3A	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	300	-	6000	mcd
Dominant Wavelength		λd	IF=20mA	610	-	640	nm
Half Bandwidth		Δλ	IF=20mA	-	16	-	nm

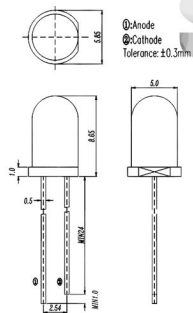
Radiation Diagram



5R35YXXC-3A	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Yellow	VF	IF=20mA	-	1.8	2.4	V
Reverse Current		IR	VR=5V	-	-	10	μA
Luminous Intensity		IV	IF=20mA	200	-	3500	mcd
Dominant Wavelength		λd	IF=20mA	585	590	597	nm
Half Bandwidth		Δλ	IF=20mA	-	16	-	nm

Outline Dimensions

(Unit:mm)



5R35GXXC-3A	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	1000	-	15000	mcd
Dominant Wavelength		λd	IF=20mA	500	-	535	nm
Half Bandwidth		Δλ	IF=20mA	-	35	-	nm

5R35BXXC-3A	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	300	-	6000	mcd
Dominant Wavelength		λd	IF=20mA	450	-	480	nm
Half Bandwidth		Δλ	IF=20mA	-	30	-	nm