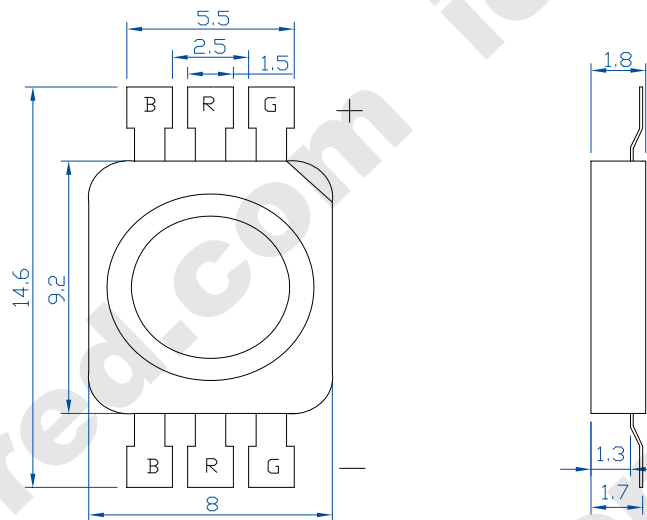


Features:

- Highest Flux
- High reliability and Very long operating life
- Low voltage DC operated
- More Energy Efficient
- NO UV
- Superior ESD protection
- RoHS Compliant

Typical Applications:

- Lighting
- Portable
- Automobile
- Decorations



NOTE:

- All dimensions are millimeter.
- Tolerance is $\pm 0.1\text{mm}$ unless otherwise noted.
- It is strongly recommended that the temperature of lead be not higher than 60°C .
- The appearance and specifications of the product may be modified for improvement without notice.

**Absolute maximum ratings (Ta = 25°C)**

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	IF	----	----	350	mA
Power Dissipation	Pd	----	----	3	W
Operating Temperature	Topr	----	-25	+85	°C
Storage Temperature	Tstr	----	-40	+100	°C
ESD Sensitivity	----	HBM	8000	----	V
Soldering Temperature	----	----	260°C for 5 Seconds max		

Electrical and optical characteristics (Ta = 25°C)

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF (R)	IF = 350mA	2.0	2.6	3.5	V
	VF (G)		3.0	3.4	4.0	
	VF (B)		3.0	3.4	4.0	
Luminous Flux	Φv (R)		30	38	50	lm
	Φv (G)		60	70	90	
	Φv (B)		10	16	20	
Dominant Wavelength	λd (R)		620	625	630	nm
	λd (G)		515	520	530	
	λd (B)		460	465	470	
Viewing Angle	2θ 1/2		----	120	----	Deg.

Note

1. Flux is measured with an accuracy of ±15%
2. CCT is measured with an accuracy of ± 200K
3. Dominant Wavelength is measured with an accuracy of ± 1.5nm
4. Forward Voltage is measured with an accuracy of ± 0.15V