TriColor RED GREEN BLUE LED

This full color super bright LED contains red green and blue LEDS housed in a single 5mm epoxy package They are available with water clear or milky white diffused lenses as part numbers RL5-RGB-C and RL5-RGB-D Available with common CATHODE or ANODE

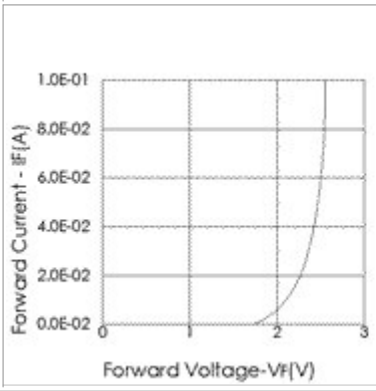
CLICK HERE TO BUY ONLINE NOW

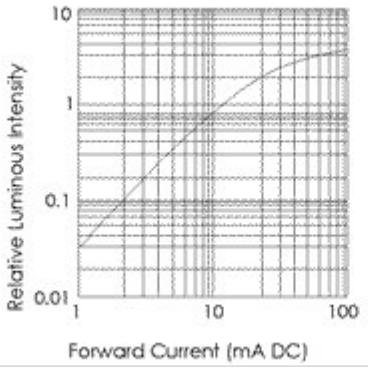
We also offer an automatic color changing RGB LED.

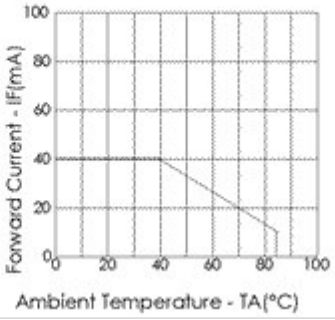
CLICK HERE TO SEE SPECS

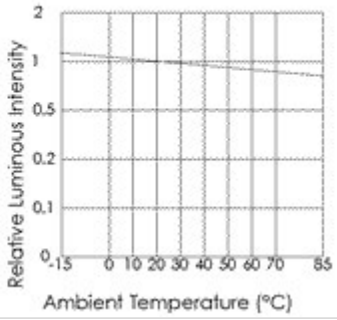
optoelectric characteristics: SUPER RED (AlGalpn)

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2ø1/2		15	Degree	
Forward Voltage	VF	2.6	2.0	V	IF=20mA
Peak Emission Wavelength	ÿ P		630	nm	
Luminous Intensity	IV		1200	mcd	IF=20mA



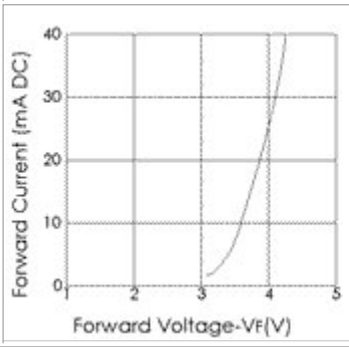


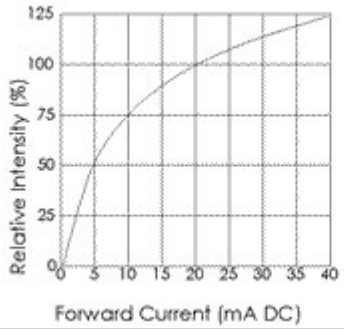


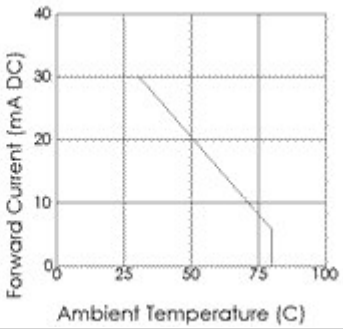


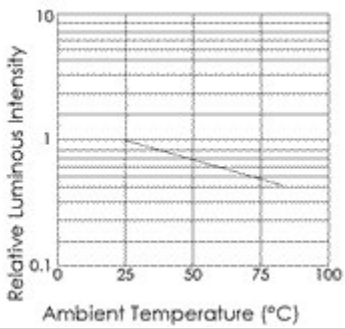
optoelectric characteristics: SUPER GREEN (GaInN/GaN)

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2ø1/2		15	Degree	
Forward Voltage	VF	4.0	3.5	V	IF=20mA
Peak Emission Wavelength	ÿ P		525	nm	
Luminous Intensity	IV		3700	mcd	IF=20mA

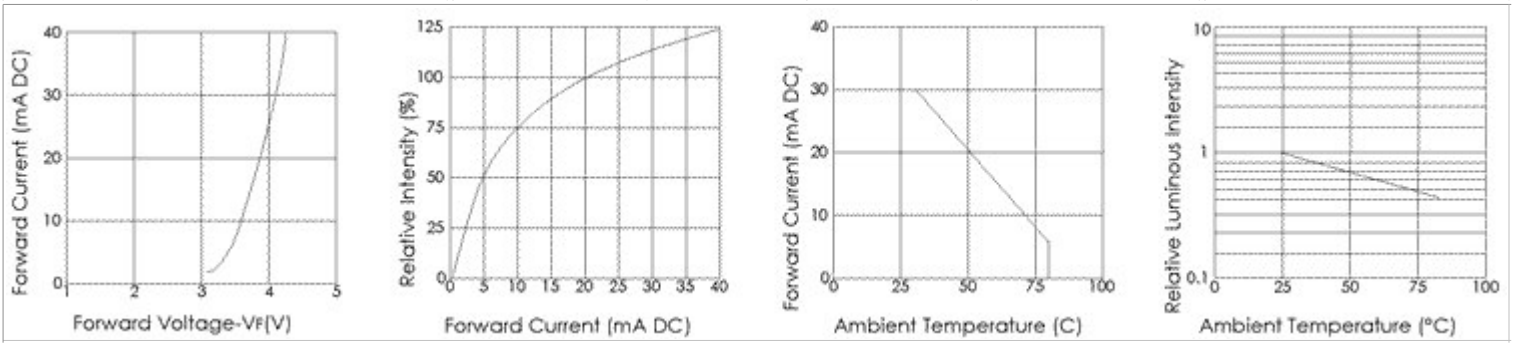








optoelectric characteristics: SUPER BLUE (GaN)					
PARAMETER	**SYMBOL**	**MAX**	**TYP**	**UNIT**	**TEST**
View Angle of Half Power	2ø1/2		15	Degree	
Forward Voltage	VF	4.0	3.5	V	IF=20mA
Peak Emission Wavelength	ÿ P		472	nm	
Luminous Intensity	IV		700	mcd	IF=20mA



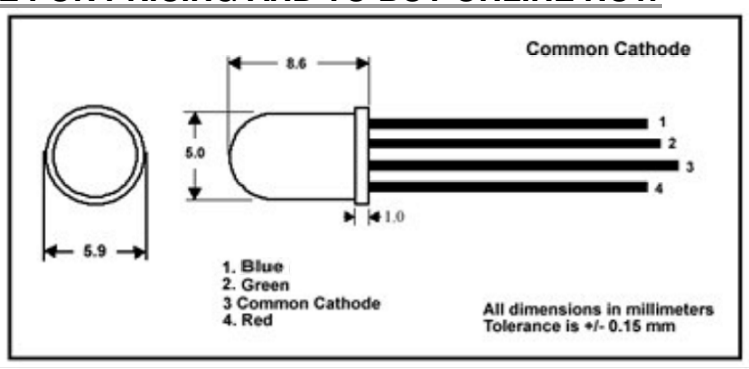
AVAILABLE WITH COMMON CATHODE OR COMMON ANODE

absolute maximum ratings: (TA=25°C, per individual LED) **PART NUMBERS RL5-RGB-C and RL5-RGB-D**

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	100	mW
Continuous Forward Current	IF	20	mA
Peak Forward Current	IFM	50	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	TA	-40~+85	°C
Storage Temperature	TSTG	-40~+85	°C
Reverse Current (VR=5V)	IR	10	µa

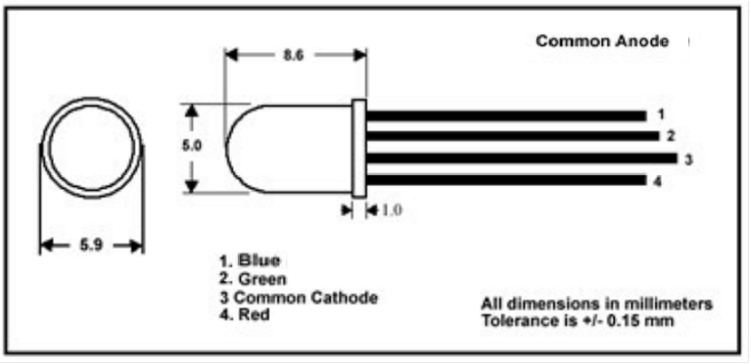
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)

CLICK HERE FOR PRICING AND TO BUY ONLINE NOW











LEADS ARE 0.48mm x 0.48mm square - LEAD SPACING IS 1.25mm - LEAD LENGTH IS 24mm to 28mm