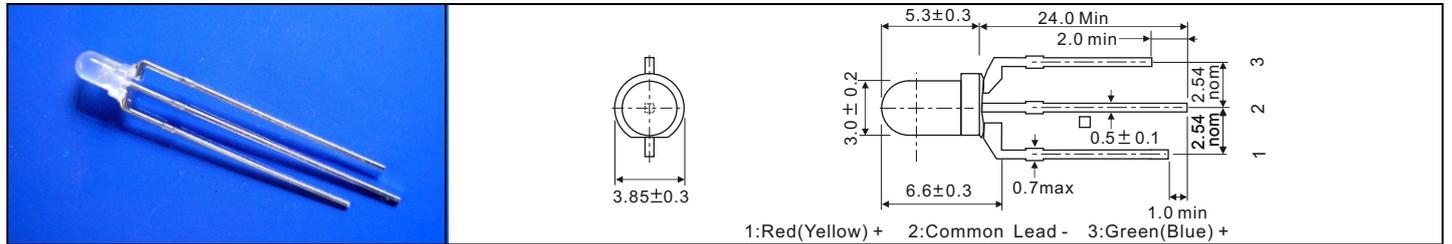


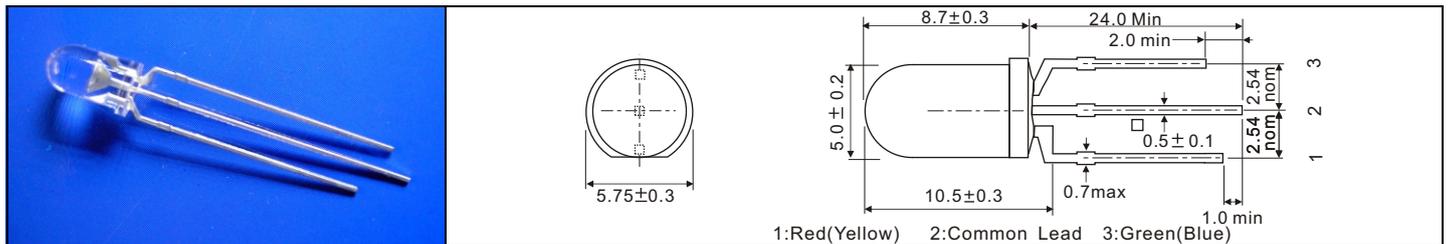
# Dual & Triple Color LEDs

IF=20mA Ta=25°C

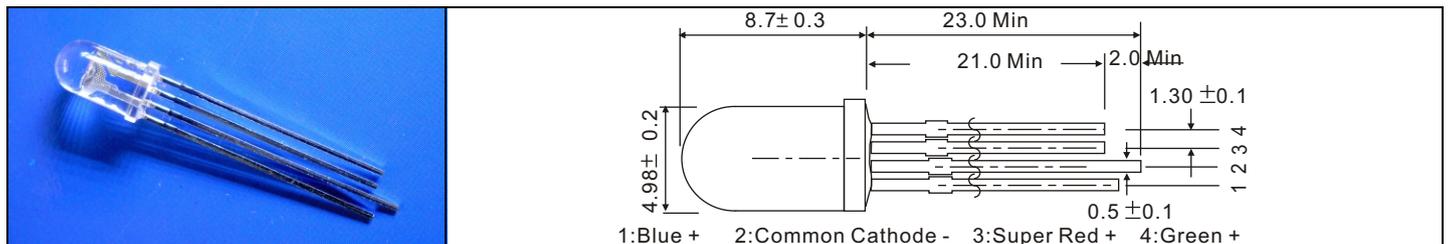
Device No	Color		Wavelength (nm)		VF Typical (V)	Brightness (mcd)		View Angle 2θ1/2
	Emitter	Lens	λp	λd		IV1	IV2	



φ 3	HB3b-39OGC	hi-eff red	white	625	618	2.05	50.0	50.0	40
		yellow green	diffused	570	567	2.15	50.0	50.0	
	HB3b-39YGC	yellow	white	589	585	2.10	40.0	40.0	40
		yellow green	diffused	570	567	2.15	50.0	50.0	
	HB3b-495AOR3BGC	super fresh red	water	635	626	2.00	500	1000	20
		super yellow green	clear	575	572	2.20	300	600	
HB3b-495AOR8ABCC	super fresh red	water	635	626	2.00	500	1000	30	
	super blue	clear	468	470	3.50	600	600		



φ 5	HB5-30OGC	hi-eff red	white	625	618	2.05	60.0	60.0	40
		yellow green	diffused	570	567	2.15	60.0	60.0	
	HB5-30YGC	yellow	white	589	585	2.10	40.0	40.0	40
		yellow green	diffused	570	567	2.15	60.0	60.0	
	HB5-405AOR3BGC	super fresh red	water	635	626	2.00	750	1500	20
		super yellow green	clear	575	572	2.20	400	800	
HB5-405AOR8ABCC	super fresh red	water	635	626	2.00	750	1500	30	
	super blue	clear	468	470	3.50	1400	1400		
HB5-4063A	super red	water	660	643	1.80	300	300	15	
	yellow green	clear	570	567	2.25	250	250		



φ 5	HB5-40AOR AGC ABC C	super fresh red	water	635	626	2.00	1500	3000	12
		super pure green	clear	523	525	3.50	3500	6000	
		super blue		468	470	3.50	2000	2500	