

- Dual Chip Package
- Bi- Or Tri-Color Operation
- Industry Standard Footprint
- Works With All BivarOpto Light Pipes
- Other Colors And Combinations Available
- RGB Version Standard



### SM1210 SERIES

Dual Chip, Tri-Color

PART NO.	CHIP		LENS APPEARANCE	ABSOLUTE MAXIMUM RATINGS				ELECTRO-OPTICAL DATA @20ma			VIEWING ANGLE (deg)
	EMITTED COLOR	PEAK (nm)		$\Delta\lambda$ (nm)	pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv Typ. (mcd)	
								TYPE	MAX.		
SM1210BC	HE RED	635	WATER CLEAR	45	100	30	150	1.9	2.6	16.0	140
	GREEN	568	WATER CLEAR	30	100	30	150	2.1	2.6	15.0	140
SM1210BC-Y/G	GREEN	568	WATER CLEAR	30	100	30	150	2.1	2.6	15.0	140
	YELLOW	585	WATER CLEAR	35	100	30	150	2.1	2.6	10.0	140
SM1210SR/HG	SUPER RED	660	WATER CLEAR	20	100	30	150	1.8	2.6	30.0	140
	HE GREEN	560	WATER CLEAR	30	100	30	150	2.0	2.6	25.0	140
SM1210RGB	SUPER RED	430	WHITE DIFFUSED	65	150	30	100	4.0	4.5	25.0	150
	HE GREEN	430	WHITE DIFFUSED	65	150	30	100	4.0	4.5	25.0	150
	SUPER BLUE	430	WHITE DIFFUSED	65	150	30	100	4.0	4.5	20.0	150

ABSOLUTE MAXIMUM RATINGS (TA=25°C)

