

Extra Bright LEDs

If=20mA Ta=25°C

Device No	Color		Wavelength (nm)		VF Typical (V)	Brightness (mcd)		View Angle 20½
	Emitter	Lens	λp	λd		Minimum	Typical	
HB8a-433CG	yellow green	water clear	570	567	2.15	300	600	30
HB8a-433BG	yellow green	water clear	575	572	2.20	800	1600	25
HB8a-433BA	cyan	water clear	502	505	3.50	1800	4000	30
HB8a-433AGCA	pure green	water clear	523	525	3.50	2000	4500	30
φ 8 HB8a-434FY	yellow	water clear	592	590	2.00	2400	3600	25
HB8a-435FO	orange	water clear	620	615	2.00	2400	3600	25
HB8a-436ARA	deep red	water clear	660	645	1.86	1300	2200	30
HB8a-438ABCA	blue	water clear	465	470	3.50	500	1200	35
HB8a-439AWCA	white	water clear	(0.30,0.29)		3.50	1500	3000	30
HB10b-433CG	yellow green	water clear	570	567	2.15	800	1500	10
HB10b-433BG	yellow green	water clear	575	572	2.20	2500	4000	7
HB10b-433BA	cyan	water clear	502	505	3.50	5000	10000	7
HB10b-433AGCA	pure green	water clear	523	525	3.50	5300	12500	8
φ 10 HB10b-434FY	yellow	water clear	592	590	2.00	6000	11200	7
HB10b-435FO	orange	water clear	620	615	2.00	6000	11200	7
HB10b-436ARA	deep red	water clear	660	645	1.86	5500	8500	10
HB10b-438ABCA	blue	water clear	465	470	3.50	2300	6500	8
HB10b-439AWCA	white	water clear	(0.29,0.30)		3.60	7000	16000	6

