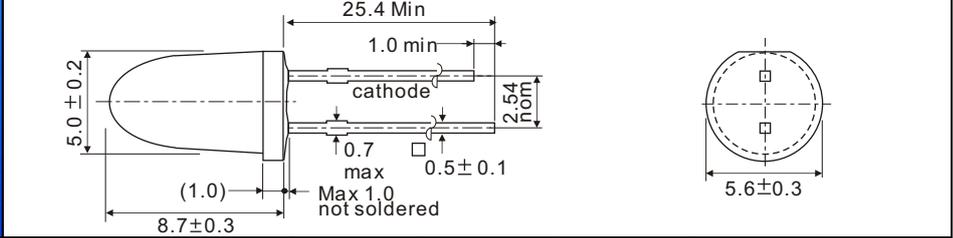


Extra Bright LEDs

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	

								
HB5b-433DG	yellow green	water clear	570	567	2.15	320	850	12
HB5b-433CG	yellow green	water clear	570	567	2.15	540	1200	12
HB5b-433BG	yellow green	water clear	575	572	2.20	1500	2800	10
HB5b-433BA	cyan	water clear	502	505	3.50	7500	9000	10
HB5b-433AGCA	pure green	water clear	523	525	3.50	8000	9000	10
HB5b-433AGD	pure green	water clear	523	525	3.50	9000	10000	10
HB5b-434AY	yellow	water clear	592	590	2.00	2500	3500	9
HB5b-434FY	yellow	water clear	592	590	2.00	3300	6000	7
HB5b-434SY	yellow	water clear	592	590	2.25	4000	8500	7
HB5b-435AO	orange	water clear	620	615	2.00	3500	3500	9
HB5b-435FO	orange	water clear	620	615	2.00	4000	6000	7
HB5b-435AOR	fresh red	water clear	635	626	2.00	3500	5500	7
HB5b-435SOR	fresh red	water clear	639	629	2.25	4000	7000	10
HB5b-436DR	deep red	water clear	660	643	1.80	400	800	6
HB5b-436CR	deep red	water clear	660	643	1.80	750	1400	6
HB5b-436BR	soft red	water clear	655	638	2.10	500	1500	7
HB5b-436AR	deep red	water clear	660	643	1.86	1300	3000	7
HB5b-436ARA	deep red	water clear	660	645	1.86	1500	4000	7
HB5b-437FA	amber	water clear	607	605	2.00	3500	6000	7
HB5b-438ABCA	blue	water clear	468	470	3.50	3000	3200	10
HB5b-438ABD	blue	water clear	468	470	3.50	3500	3600	10

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.