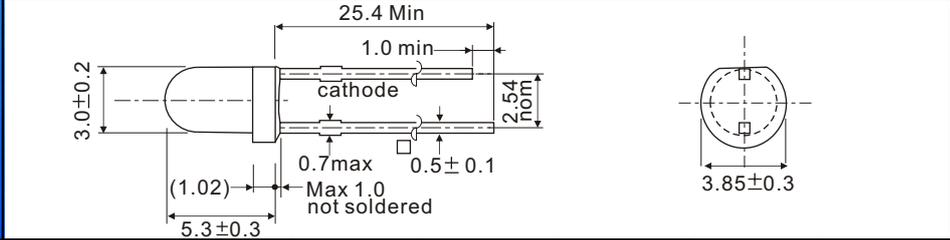


Extra Bright LEDs

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	

								
HB3b-443DG	yellow green	water clear	570	567	2.15	180	400	18
HB3b-443CG	yellow green	water clear	570	567	2.15	220	700	18
HB3b-443BG	yellow green	water clear	575	572	2.20	850	1600	14
HB3b-443BA	cyan	water clear	502	505	3.50	3500	4000	14
HB3b-443AGCA	pure green	water clear	523	525	3.50	4000	4500	14
HB3b-443AGD	pure green	water clear	523	525	3.50	4500	5000	14
HB3b-444AY	yellow	water clear	592	590	2.00	1500	1800	10
HB3b-444FY	yellow	water clear	592	590	2.00	2000	2500	10
HB3b-444SY	yellow	water clear	592	590	2.25	2500	3200	14
HB3b-445AO	orange	water clear	620	615	2.00	1800	1800	10
HB3b-445FO	orange	water clear	620	615	2.00	2000	2500	10
HB3b-445AOR	fresh red	water clear	635	626	2.00	1800	2000	10
HB3b-445SOR	fresh red	water clear	638	629	2.25	2500	3200	14
HB3b-446DR	deep red	water clear	660	643	1.80	230	500	14
HB3b-446CR	deep red	water clear	660	643	1.80	300	900	14
HB3b-446BR	soft red	water clear	655	638	2.10	280	1000	10
HB3b-446AR	deep red	water clear	660	645	1.86	350	1800	19
HB3b-446ARA	deep red	water clear	660	645	1.86	450	2000	19
HB3b-447FA	amber	water clear	607	605	2.00	2000	2500	10
HB3b-448ABD	blue	water clear	468	470	3.50	2200	3000	15
HB3b-448ABD-B	blue	water clear	468	470	3.50	800	1500	30

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.