

Extra Bright LEDs

If=20mA Ta=25°C

Device No	Color		Wavelength(nm)		VF Typical (V)	Brightness (mcd)		View Angle 2θW	Drawing Figure
	Emitter	Lens	λp	λd		Minimum	Typical		
HB3b-443DG	yellow green	water clear	570	567	2.15	250	400	18	4-1
HB3b-443CG	yellow green	water clear	570	567	2.15	500	700	18	
HB3b-443BG	yellow green	water clear	575	572	2.20	1200	1600	14	
HB3b-443BGA	bluish green	water clear	502	505	3.50	1600	3200	14	
HB3b-444CY	yellow	water clear	592	590	2.00	600	900	10	
HB3b-444AY	yellow	water clear	592	590	2.00	1300	1800	10	
HB3b-444FY	yellow	water clear	592	590	2.00	2200	2500	10	
HB3b-445CO	orange	water clear	620	615	2.00	600	900	10	
HB3b-445AO	orange	water clear	620	615	2.00	1300	1800	10	
HB3b-445FO	orange	water clear	620	615	2.00	2200	2500	10	
HB3b-445AOR	fresh red	water clear	635	626	2.00	1500	2000	10	
HB3b-446DR	deep red	water clear	660	643	1.80	400	500	14	
HB3b-446CR	deep red	water clear	660	643	1.80	650	900	14	
HB3b-446BR	soft red	water clear	655	638	2.10	750	1000	10	
HB3b-446AR	deep red	water clear	660	645	1.86	1200	1800	19	
HB3b-446ARA	deep red	water clear	660	645	1.86	1500	2000	19	
HB3b-447CA	amber	water clear	607	605	2.00	600	900	10	
HB3b-447AA	amber	water clear	607	605	2.00	1300	1800	10	
HB3b-447FA	amber	water clear	607	605	2.00	2200	2500	10	
HB3b-448CB	blue	water clear	468	470	3.80	400	800	15	
HB3b-448BB	blue	water clear	465	470	3.50	530	1100	15	

Dimension: Unit : mm.

