

Extra Bright LEDs

IF=20mA Ta=25°C

Device No	Color		Wavelength (nm)		VF Typical (V)	Brightness (mcd)		View Angle 20W	Drawing Figure
	Emitter	Lens	λ_p	λ_d		Minimum	Typical		
HB5b-433DG	yellow green	water clear	570	567	2.15	550	850	12	4-2
HB5b-433CG	yellow green	water clear	570	567	2.15	800	1200	12	
HB5b-433BG	yellow green	water clear	575	572	2.20	2000	2800	10	
HB5b-433BGA	bluish green	water clear	502	505	3.50	3500	7000	10	
HB5b-434CY	yellow	water clear	592	590	2.00	1500	2000	9	
HB5b-434AY	yellow	water clear	592	590	2.00	2800	3500	9	
HB5b-434FY	yellow	water clear	592	590	2.00	5000	6000	7	
HB5b-435CO	orange	water clear	620	615	2.00	1500	2000	9	
HB5b-435AO	orange	water clear	620	615	2.00	2800	3500	9	
HB5b-435FO	orange	water clear	620	615	2.00	5000	6000	7	
HB5b-435AOR	fresh red	water clear	635	626	2.00	3000	4500	7	
HB5b-436DR	deep red	water clear	660	643	1.80	500	800	6	
HB5b-436CR	deep red	water clear	660	643	1.80	1000	1400	6	
HB5b-436BR	soft red	water clear	655	638	2.10	1200	1500	7	
HB5b-436AR	deep red	water clear	660	643	1.86	2400	3000	7	
HB5b-436ARA	deep red	water clear	660	645	1.86	3000	4000	7	
HB5b-437CA	amber	water clear	607	605	2.00	1500	2000	9	
HB5b-437AA	amber	water clear	607	605	2.00	2800	3500	9	
HB5b-437FA	amber	water clear	607	605	2.00	5000	6000	7	
HB5b-438CB	blue	water clear	468	470	3.80	500	1000	10	
HB5b-438BB	blue	water clear	465	470	3.50	600	1350	10	

Dimension: Unit : mm.

