

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		
HB5-433DG-B	yellow green	water clear	570	567	2.15	450	600	16	4-4
HB5-433CG-B	yellow green	water clear	570	567	2.15	600	900	16	
HB5-433BG-B	yellow green	water clear	575	572	2.20	1600	2000	15	
HB5-433BGA-B	bluish green	water clear	502	505	3.50	1200	2200	15	
HB5-434CY-B	yellow	water clear	592	590	2.00	1000	1300	15	
HB5-434AY-B	yellow	water clear	592	590	2.00	2300	2800	15	
HB5-434FY-B	yellow	water clear	592	590	2.00	4000	5000	15	
HB5-435CO-B	orange	water clear	620	615	2.00	1000	1300	15	
HB5-435AO-B	orange	water clear	620	615	2.00	2300	2800	15	
HB5-435FO-B	orange	water clear	620	615	2.00	4000	5000	15	
HB5-435AOR-B	fresh red	water clear	635	626	2.00	2000	4000	15	
HB5-436DR-B	deep red	water clear	660	643	1.80	200	450	15	
HB5-436CR-B	deep red	water clear	660	643	1.80	500	900	15	
HB5-436BR-B	soft red	water clear	655	638	2.10	500	950	15	
HB5-436AR-B	deep red	water clear	660	645	1.86	1600	2200	15	
HB5-436ARA-B	deep red	water clear	660	645	1.86	1800	3300	15	
HB5-437CA-B	amber	water clear	607	605	2.00	1000	1300	15	
HB5-437AA-B	amber	water clear	607	605	2.00	2300	2800	15	
HB5-437FA-B	amber	water clear	607	605	2.00	4000	5000	15	
HB5-438CB-B	blue	water clear	468	470	3.80	300	700	15	
HB5-438BB-B	blue	water clear	465	470	3.50	400	930	15	

Dimension: Unit : mm.

