

Extra Bright LEDs

Oval Type

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		
oval φ	HB4Q-433CG/P	yellow green	water clear	570	567	2.15	300	600	40/20
	HB4Q-433BGA/P	bluish green	water clear	502	505	3.50	2800	4800	40/20
	HB4Q-434FY/P	yellow	water clear	592	590	2.00	1800	4000	40/20
	HB4Q-435FO/P	orange	water clear	620	615	2.00	1800	4000	40/20
	HB4Q-435AOR/P	fresh red	water clear	635	626	2.00	1500	3400	40/20
	HB4Q-436ARA/P	deep red	water clear	660	645	1.86	1400	2800	40/20
	HB4Q-438CB/P	blue	water clear	468	470	3.80	400	700	40/20
	HB4Q-438BB/P	blue	water clear	465	470	3.50	530	950	40/20
oval φ	HB5RH-433CG/P	yellow green	water clear	570	567	2.15	300	600	70/25
	HB5RH-433BGA/P	bluish green	water clear	502	505	3.50	2500	4600	70/25
	HB5RH-434FY/P	yellow	water clear	592	590	2.00	1800	3800	70/25
	HB5RH-435FO/P	orange	water clear	620	615	2.00	1800	3800	70/25
	HB5RH-435AOR/P	fresh red	water clear	635	626	2.00	1500	3300	70/25
	HB5RH-436ARA/P	deep red	water clear	660	645	1.86	1400	2700	70/25
	HB5RH-438CB/P	blue	water clear	468	470	3.80	310	650	70/25
	HB5RH-438BB/P	blue	water clear	465	470	3.50	400	850	70/25
oval φ	HB5RV-433CG/P	yellow green	water clear	570	567	2.15	300	600	25/70
	HB5RV-433BGA/P	bluish green	water clear	502	505	3.50	2500	4600	25/70
	HB5RV-434FY/P	yellow	water clear	592	590	2.00	1800	3800	25/70
	HB5RV-435FO/P	orange	water clear	620	615	2.00	1800	3800	25/70
	HB5RV-435AOR/P	fresh red	water clear	635	626	2.00	1500	3300	25/70
	HB5RV-436ARA/P	deep red	water clear	660	645	1.86	1400	2700	25/70
	HB5RV-438CB/P	blue	water clear	468	470	3.80	310	650	25/70
	HB5RV-438BB/P	blue	water clear	465	470	3.50	400	850	25/70

Dimension:

Unit : mm.

