
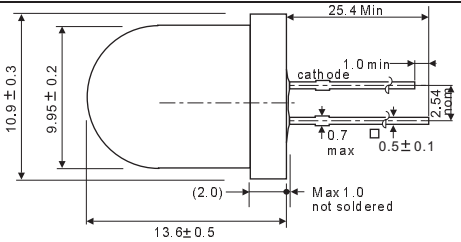


# Extra Bright LEDs



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	

									UNIT: mm
φ 1 0	HB10-433CG	yellow green	Water clear	570	567	2.15	150	500	40
	HB10-433BG	super yellow green		575	572	2.20	500	1300	
	HB10-433EBA	cyan		502	505	3.50	1500	3000	
	HB10-433EAGCA	pure green		523	525	3.50	1700	3500	
	HB10-434FY	super yellow		592	590	2.00	1000	2000	
	HB10-434SY	super yellow		592	590	2.25	1200	2400	
	HB10-434UY	super yellow		592	590	2.10	1250	2500	
	HB10-434WY	super yellow		592	590	2.10	1400	2800	
	HB10-434HY	super yellow		592	590	2.10	1500	3000	
	HB10-435FO	super orange		620	615	2.00	1400	2000	
	HB10-435AOR	super fresh red		635	625	2.00	1000	1800	
	HB10-435SOR	super fresh red		638	629	2.25	1200	2400	
	HB10-436ARA	super deep red		660	645	1.86	800	1500	
	HB10-436UOR	super fresh red		635	625	2.10	1200	2500	
	HB10-436WOR	super fresh red		635	625	2.10	1400	2800	
	HB10-436HOR	super fresh red		635	625	2.10	1600	3100	
	HB10-437HA	super amber		607	605	2.00	2200	4500	
	HB10-438ABD	blue		468	470	3.50	1000	1200	

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.