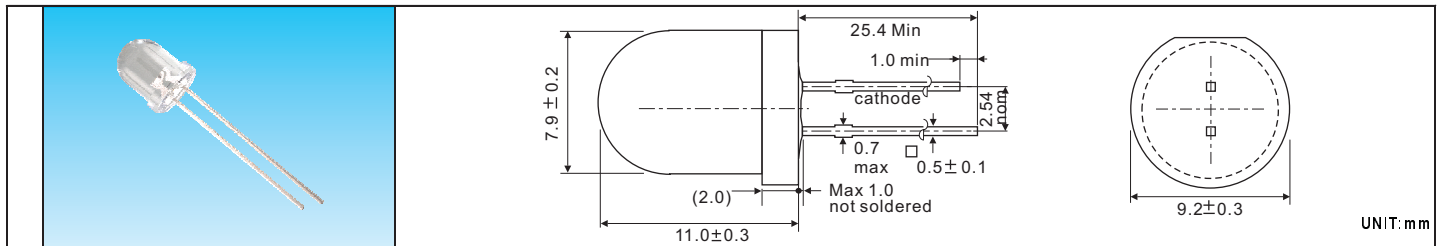




# Extra Bright LEDs

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	



φ 8	HB8a-433CG	yellow green	Water clear	570	567	2.15	160	600	30	
	HB8a-433BG	super yellow green		575	572	2.20	600	1600	25	
	HB8a-433EBA	cyan		502	505	3.50	3500	4000	30	
	HB8a-433EAGCA	pure green		523	525	3.50	4000	4500		
	HB8a-434FY	super yellow		592	590	2.00	1300	3600	25	
	HB8a-434UY	super yellow		592	590	2.10	2000	3800		
	HB8a-434WY	super yellow		592	590	2.10	2000	4000		
	HB8a-434SY	super yellow		592	590	2.25	2200	4500		
	HB8a-434HY	super yellow		592	590	2.10	2500	5000		
	HB8a-435FO	super orange		620	615	2.00	1500	3600		
	HB8a-435AOR	super fresh red		635	625	2.00	1000	3000	25	
	HB8a-435SOR	super fresh red		638	629	2.25	2400	4500		
	HB8a-436ARA	super deep red		660	645	1.86	850	2200		30
	HB8a-436UOR	super fresh red		635	625	2.10	2000	3800		25
	HB8a-436WOR	super fresh red		635	625	2.10	2200	4200		
	HB8a-436HOR	super fresh red		635	625	2.10	2400	4800		
	HB8a-437HA	super amber		607	605	2.00	3500	7000	35	
	HB8a-438ABD	blue		468	470	3.50	1200	1500		

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.