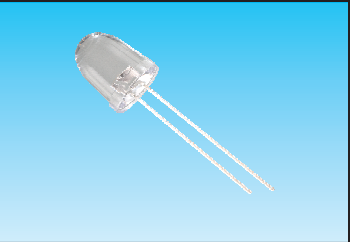
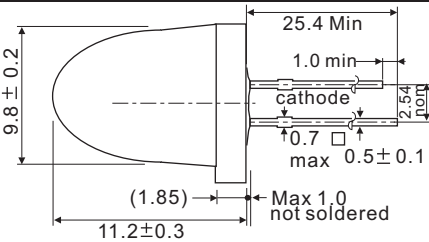
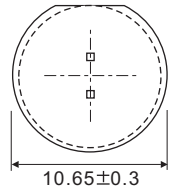




# Extra Bright LEDs

IF=20mA Ta=25°C

Device No	Color		Wavelength (nm)		VF	Brightness (mcd)		View
	Emitter	Lens	$\lambda_p$	$\lambda_d$	Typical (V)	IV1	IV2	Angle 2 $\theta$ 1/2

								UNIT: mm		
$\phi$ 1 0	HB10b-433CG	yellow green	Water clear	570	567	2.15	1300	1500	10	
	HB10b-433BG	super yellow green		575	572	2.20	2700	4000	7	
	HB10b-433EBA	cyan		502	505	3.50	7500	13000		
	HB10b-433EAGCA	pure green		523	525	3.50	6300	12500	8	
	HB10b-434FY	super yellow		592	590	2.00	5600	11200	7	
	HB10b-434SY	super yellow		592	590	2.25	6000	11800		
	HB10b-434UY	super yellow		592	590	2.10	6500	12500		
	HB10b-434WY	super yellow		592	590	2.10	6800	13500		
	HB10b-434HY	super yellow		592	590	2.10	7200	14500		
	HB10b-435FO	super orange		620	615	2.00	5600	11200		
	HB10b-435AOR	super fresh red		635	625	2.00	5000	10000		
	HB10b-435SOR	super fresh red		638	629	2.25	9000	18000	7	
	HB10b-436ARA	super deep red		660	645	1.86	2500	8500		10
	HB10b-436UOR	super fresh red		635	625	2.10	6000	12000		
	HB10b-436WOR	super fresh red		635	625	2.10	7000	13500		
	HB10b-436HOR	super fresh red		635	625	2.10	8000	16000	7	
	HB10b-437HA	super amber		607	605	2.00	13000	25000		
	HB10b-438ABD	blue		468	470	3.50	4000	8000	8	

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.