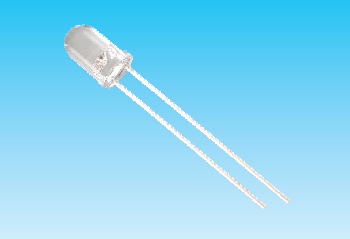
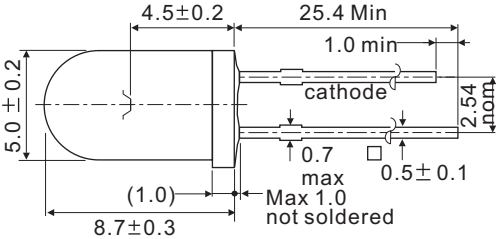
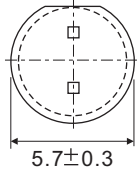


Extra Bright LEDs



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 5	HB5-433DG-C	yellow green	Water clear	570	567	2.15	100	300	30
	HB5-433CG-C	yellow green		570	567	2.15	150	500	
	HB5-433BG-C	super yellow green		575	572	2.20	500	900	40
	HB5-433EBA-C	cyan		502	505	3.50	3000	4500	45
	HB5-433EAGCA-C	pure green		523	525	3.50	3500	4300	
	HB5-433EAGD-C	pure green		523	525	3.50	3800	4700	
	HB5-434AY-C	super yellow		592	590	2.00	800	1000	40
	HB5-434FY-C	super yellow		592	590	2.00	1200	2400	
	HB5-434SY-C	super yellow		592	590	2.25	1500	3000	45
	HB5-434UY-C	super yellow		592	590	2.10	1600	3200	
	HB5-434WY-C	super yellow		592	590	2.10	1700	3400	
	HB5-434HY-C	super yellow		592	590	2.10	1800	3600	40
	HB5-435AO-C	super orange		620	615	2.00	800	1000	
	HB5-435FO-C	super orange		620	615	2.00	1400	2400	
	HB5-435AOR-C	super fresh red		635	625	2.00	1000	1500	
	HB5-435SOR-C	super fresh red		638	629	2.25	1500	3000	30
	HB5-436DR-C	deep red		660	643	1.80	120	250	
	HB5-436CR-C	deep red		660	643	1.80	175	600	
	HB5-436AR-C	super deep red		660	645	1.86	600	1800	
	HB5-436ARA-C	super deep red		660	645	1.86	750	2800	40
	HB5-436UOR-C	super fresh red		635	625	2.10	1600	3200	
	HB5-436WOR-C	super fresh red		635	625	2.10	1800	3500	
	HB5-436HOR-C	super fresh red		635	625	2.10	2100	4200	
	HB5-437FA-C	super amber		607	605	2.00	1200	2400	45
	HB5-437HA-C	super amber		607	605	2.00	3000	6000	
	HB5-438ABCA-C	blue		468	470	3.50	1000	1400	45
	HB5-438ABD-C	blue		468	470	3.50	1200	1800	

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.