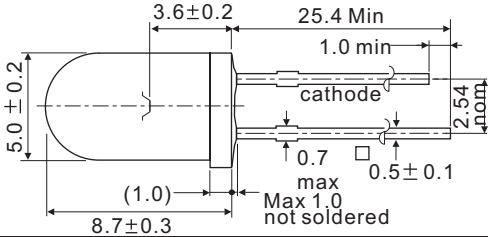




Extra Bright LEDs

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-B	yellow green	Water clear	570	567	2.15	200	600	16
	HB5-433CG-B	yellow green		570	567	2.15	250	900	
	HB5-433BG-B	super yellow green		575	572	2.20	800	2000	15
	HB5-433EBA-B	cyan		502	505	3.50	5000	7000	18
	HB5-433EAGCA-B	pure green		523	525	3.50	3400	6800	
	HB5-433EAGD-B	pure green		523	525	3.50	6000	8500	15
	HB5-434AY-B	super yellow		592	590	2.00	1200	2800	
	HB5-434FY-B	super yellow		592	590	2.00	2000	5000	
	HB5-434SY-B	super yellow		592	590	2.25	4000	6500	
	HB5-434UY-B	super yellow		592	590	2.10	3400	6800	18
	HB5-434WY-B	super yellow		592	590	2.10	3800	7500	
	HB5-434HY-B	super yellow		592	590	2.10	4100	8200	15
	HB5-435AO-B	super orange		620	615	2.00	1200	2800	
	HB5-435FO-B	super orange		620	615	2.00	2200	5000	
	HB5-435AOR-B	super fresh red		635	625	2.00	2000	4000	
	HB5-435SOR-B	super fresh red		638	629	2.25	3000	6000	
	HB5-436DR-B	deep red		660	643	1.80	250	450	
	HB5-436CR-B	deep red		660	643	1.80	400	900	
	HB5-436AR-B	super deep red		660	645	1.86	800	2200	
	HB5-436ARA-B	super deep red		660	645	1.86	1080	3300	18
	HB5-436UOR-B	super fresh red		635	625	2.10	3100	6300	
	HB5-436WOR-B	super fresh red		635	625	2.10	3500	7000	
	HB5-436HOR-B	super fresh red		635	625	2.10	4500	9000	15
	HB5-437FA-B	super amber		607	605	2.00	2400	5000	
	HB5-437HA-B	super amber		607	605	2.00	6000	12500	
	HB5-438ABCA-B	blue		468	470	3.50	2000	2500	
	HB5-438ABD-B	blue		468	470	3.50	2400	3000	

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.