
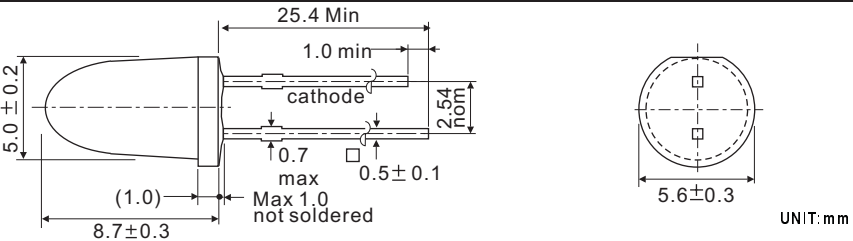




Extra Bright LEDs

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	

								
HB5b-433DG	yellow green	Water clear	570	567	2.15	320	850	12
HB5b-433CG	super yellow green		570	567	2.15	540	1350	
HB5b-433BG	super yellow green		575	572	2.20	1500	2800	10
HB5b-433EBA	cyan		502	505	3.50	7500	9000	
HB5b-433EAGCA	pure green		523	525	3.50	8000	10500	
HB5b-433EAGD	pure green		523	525	3.50	9000	11500	9
HB5b-434AY	super yellow		592	590	2.00	2500	3500	
HB5b-434FY	super yellow		592	590	2.00	3300	6000	
HB5b-434SY	super yellow		592	590	2.25	3500	7500	7
HB5b-434UY	super yellow		592	590	2.10	3500	8000	
HB5b-434WY	super yellow		592	590	2.10	3600	8500	
HB5b-434HY	super yellow		592	590	2.10	3800	13500	9
HB5b-435AO	super orange		620	615	2.00	3500	3500	
HB5b-435FO	super orange		620	615	2.00	4000	6000	
HB5b-435AOR	super fresh red		635	625	2.00	3500	5500	7
HB5b-435SOR	super fresh red		638	629	2.25	3500	7500	
HB5b-436DR	deep red		660	643	1.80	400	850	6
HB5b-436CR	deep red		660	643	1.80	750	1400	
HB5b-436AR	super deep red		660	643	1.86	1300	3000	7
HB5b-436ARA	super deep red		660	645	1.86	1500	4000	
HB5b-436UOR	super fresh red		635	625	2.10	4000	8000	
HB5b-436WOR	super fresh red		635	625	2.10	4500	9000	
HB5b-436HOR	super fresh red		635	625	2.10	5200	18500	
HB5b-437FA	super amber		607	605	2.00	3500	6000	7
HB5b-437HA	super amber		607	605	2.00	7500	27500	
HB5b-438ABCA	blue		468	470	3.50	1600	3200	10
HB5b-438ABD	blue		468	470	3.50	1800	3800	

IV1:Labsphere LED-1100 IV2:EXELTRON 2001.