

# Miniature Device LEDs

IF=20mA Ta=25°C

Device No	Color		Wavelength (nm)		VF Typical (V)	Brightness (mcd)		View Angle 20W	Drawing Figure
	Emitter	Lens	$\lambda_p$	$\lambda_d$		Minimum	Typical		
HMIB-43	yellow green	water clear	570	567	2.15	40	80	24	3-4
HMIB-43DG	yellow green	water clear	570	567	2.15	70	150	24	
HMIB-43CG	yellow green	water clear	570	567	2.15	200	500	24	
HMIB-43BG	yellow green	water clear	575	572	2.20	450	900	24	
HMIB-43BGA	bluish green	water clear	502	505	3.5	1400	3000	24	
HMIB-43PG	pure green	water clear	557	560	2.25	10	20	24	
HMIB-44	yellow	water clear	589	585	2.10	25	45	24	
HMIB-44AY	super yellow	water clear	592	590	2.00	900	1300	24	
HMIC-44FY	super yellow	water clear	592	590	2.00	1600	3000	24	
HMIB-45	orange	water clear	625	618	2.05	30	50	24	
HMIB-45AO	super orange	water clear	620	615	2.00	900	1300	24	
HMIB-45FO	super orange	water clear	620	615	2.00	1600	3000	24	
HMIB-45AOR	super red	water clear	635	626	2.00	1000	1500	24	
HMIB-46DR	super red	water clear	660	643	1.80	180	350	24	
HMIB-46CR	super red	water clear	660	643	1.80	250	600	24	
HMIB-46BR	super red	water clear	655	638	2.10	300	800	24	
HMIB-46ARA	super red	water clear	660	645	1.86	700	1200	24	
HMIB-48CB	super blue	water clear	468	470	3.80	250	500	24	
HMIC-43	yellow green	water clear	570	567	2.15	5.0	10	125	3-5
HMIC-44	yellow	water clear	589	585	2.10	3.0	8.0	125	
HMIC-44AY	super yellow	water clear	592	590	2.00	40	80	125	
HMIC-44FY	super yellow	water clear	592	590	2.00	100	180	125	
HMIC-45	orange	water clear	625	618	2.05	4.0	10	125	
HMIC-45AO	super orange	water clear	620	615	2.00	40	80	125	
HMIC-45FO	super orange	water clear	620	615	2.00	100	180	125	
HMIC-46ARA	super red	water clear	660	645	1.86	40	130	75	
HMIR-43	yellow green	water clear	570	567	2.15	5.0	8.0	170	3-6
HMIR-44	yellow	water clear	589	585	2.10	3.5	6.0	170	
HMIR-44AY	super yellow	water clear	592	590	2.00	25	40	170	
HMIR-45	orange	water clear	625	618	2.05	3.0	6.5	170	
HMIR-45AO	super orange	water clear	620	615	2.00	35	45	170	
HMIR-46ARA	super red	water clear	660	645	1.86	40	50	170	

Dimension:

Unit : mm. Tolerance:0.15mm.

