

Normal Indicator LEDs

Rectangular type LEDs

IF=20mA Ta=25°C

Device No	Color		Wavelength (nm)		VF Typical (V)	Brightness (mcd)		View Angle 2θW	Drawing Figure	
	Emitter	Lens	λp	λd		Minimum	Typical			
2.3x6.8	HR7-132	hi-red	colored diffused	700	658	2.20	0.5	1.0	110	4-75
	HR7-135R	hi-eff red	colored diffused	625	618	2.05	2.5	5.0		
	HR7-133	yellow green	colored diffused	570	567	2.15	3.5	7.0		
	HR7-134	yellow	colored diffused	589	585	2.10	2.0	4.0		
	HR7-135	orange	colored diffused	625	618	2.05	2.5	5.0		
1.8x5.3	HR8-132	hi-red	colored diffused	700	658	2.20	0.6	1.1	120	4-76
	HR8-135R	hi-eff red	colored diffused	625	618	2.05	3.5	6.0		
	HR8-133	yellow green	colored diffused	570	567	2.15	3.5	6.0		
	HR8-134	yellow	colored diffused	589	585	2.10	3.0	5.5		
	HR8-135	orange	colored diffused	625	618	2.05	3.5	6.0		
3.7x6.3	HR9a-132	hi-red	colored diffused	700	658	2.20	0.6	1.1	120	4-77
	HR9a-135R	hi-eff red	colored diffused	625	618	2.05	3.5	6.0		
	HR9a-133	yellow green	colored diffused	570	567	2.15	3.5	6.0		
	HR9a-134	yellow	colored diffused	589	585	2.10	3.0	5.5		
	HR9a-135	orange	colored diffused	625	618	2.05	3.5	6.0		
side look	HB1b-485	hi-eff red	water clear	625	618	2.05	10	25	40	4-78
	HB1b-483	yellow green	water clear	570	567	2.15	12.5	27		
	HB1b-484	yellow	water clear	589	585	2.10	10	2.		
	HB1b-486CR	super red	water clear	660	643	1.80	45	90		
	HB1b-486AR	super red	water clear	660	643	1.90	90	150		

Dimension:

Unit : mm.

