

Miniature Device LEDs

SingleColor CaseSize:3.0X 2.2mm

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		
HTLR3-43	yellow green	water clear	570	567	2.15	15.0	25.0	130	3-1
HTLR3-44	yellow	water clear	589	585	2.10	7.0	12.0		
HTLR3-45	hi-eff red	water clear	625	618	2.05	7.0	15.0		
HTLR3-46DR	super red	water clear	660	643	1.80	25.0	40.0		

Dual Color Case Size: 3.4 X 2.7 mm

Device No	Color		Wavelength (nm)		VF Typical (V)	Brightness (mcd)		View Angle 2θW	Drawing Figure
	Emitter	Lens	λp	λd		Minimum	Typical		
HTLR3a-453	hi-eff red	water clear	625	618	2.05	7.0	12.0	125	3-2
	yellow green		570	567					
HTLR3a-463	super red	water clear	660	643	1.80	24.0	40.0		
	yellow green		570	567					

Back Light Case Size: 9.2 X 1.9 mm

Device No	Color		Wavelength (nm)		VF Typical (V)	Brightness (mcd)		View Angle 2θW	Drawing Figure
	Emitter	Lens	λp	λd		Minimum	Typical		
HTLR2-43	yellow green	water clear	570	567	4.2	6.6	12.0	180	3-3
HTLR2-44	yellow	water clear	589	585	4.1	6.0	11.0		
HTLR2-45	hi-eff red	water clear	625	618	4.0	7.5	12.5		
HTLR2-47	amber	water clear	610	606	4.0	7.5	12.5		

Dimension:

Unit : mm. Tolerance:0.2mm

