

# Extra Bright LEDs

## Super Flux LEDs

### Feature:

- High brightness output.
- Designed for high current operation.
- Low thermal resistance.
- Low profile.
- Package in tubes for use with automatic pick and place equipment.

### Applications:

- Automotive exterior lighting.
- Small and large area displays.
- Back lighting.

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		
HSFa-44AY	yellow	water clear	592	590	2.00	630	850	50	4-27
HSFa-44FY	yellow	water clear	592	590	2.00	700	1400		
HSFa-45AO	orange	water clear	620	615	2.00	630	850		
HSFa-45FO	orange	water clear	620	615	2.00	700	1400		
HSFa-45AOR	fresh red	water clear	635	626	2.00	630	900		
HSFa-46ARA	deep red	water clear	660	645	1.86	630	850		
HSFb-44AY	yellow	water clear	592	590	2.00	400	650	70	
HSFb-44FY	yellow	water clear	592	590	2.00	600	1200		
HSFb-45AO	orange	water clear	620	615	2.00	400	650		
HSFb-45FO	orange	water clear	620	615	2.00	600	1200		
HSFb-45AOR	fresh red	water clear	635	626	2.00	400	700		
HSFb-46ARA	deep red	water clear	660	645	1.86	400	650		

### Dimension:

Unit : mm. Tolerance:0.25mm.

