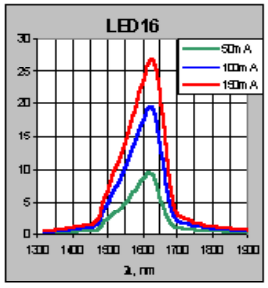
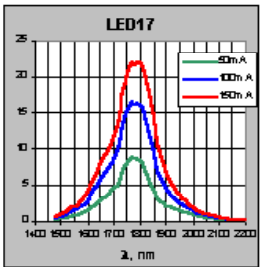
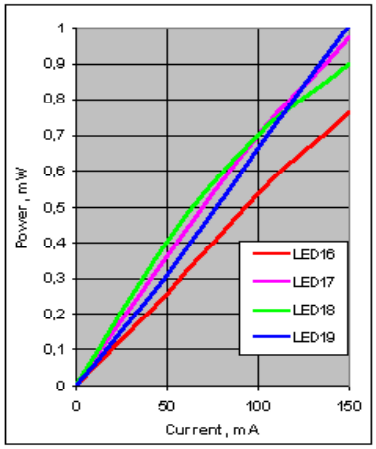
LED Quasi-CW Operation Mode

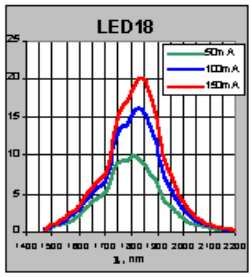
Current Dependences of Optical Characteristics

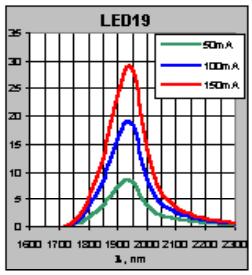
Optical power is measured in quasi-CW regime (at square-wave modulated bias). Standard regime of operation that we recommend for receiving maximum average optical power is quasi steady-state regime (quasi-CW) with repetition rate 500 Hz. Use of thermoelectric cooler allows optical power to be stabilized or increased (by cooling).

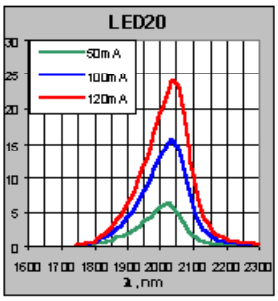


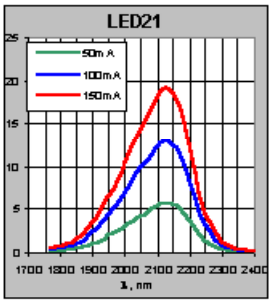


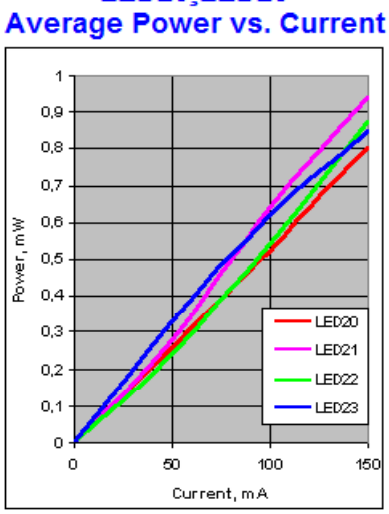


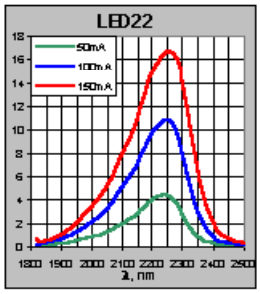


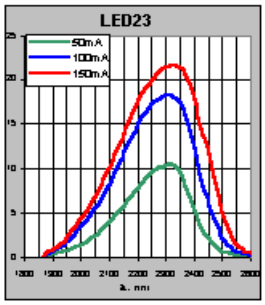












Full power can be measured correctly only by use of integrated sphere. Power of our LED practically doesn`t decrease with increase of modulation frequency up to 10 MHz. Spectral intensity is shown in arbitrary untis.

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