

## Table of the various wavelengths of different color LEDs.

Table 1. LEDs – Wavelengths and Applications	
LED Wavelength (Color)	LED Applications
410–420 nm (Violet)	Skin therapy
430–470 nm (Blue)	Dental curing instruments
470 nm (Blue)	White LEDs using phosphor
520–530 nm (Green)	Green traffic signal lights
580–590 nm (Amber)	Amber traffic signal lights
630–640 nm (Red)	Red signal lights
660 nm (Deep Red)	Blood oximetry
680 nm (Deep Red)	Blood analysis
800–850 nm (Near-IR)	Night-vision illuminators and beacons for use with night-vision goggles or CCDs
850–940 nm (Near-IR)	Photoelectric controls
940 nm (Near-IR)	Covert illumination CCD-based systems