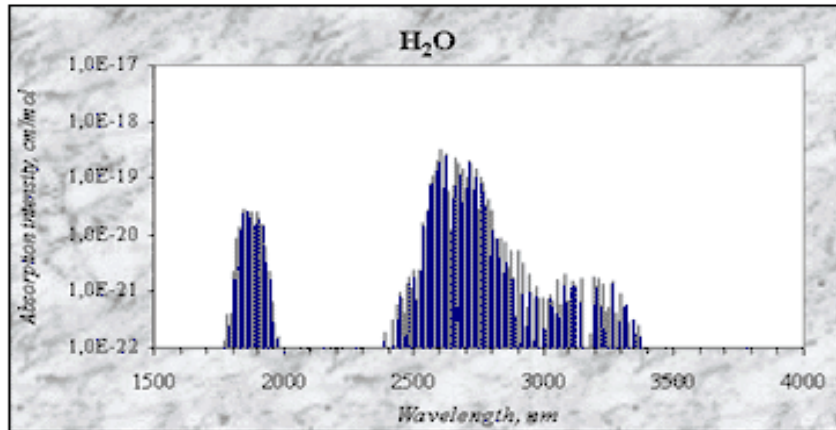
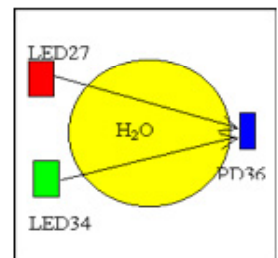
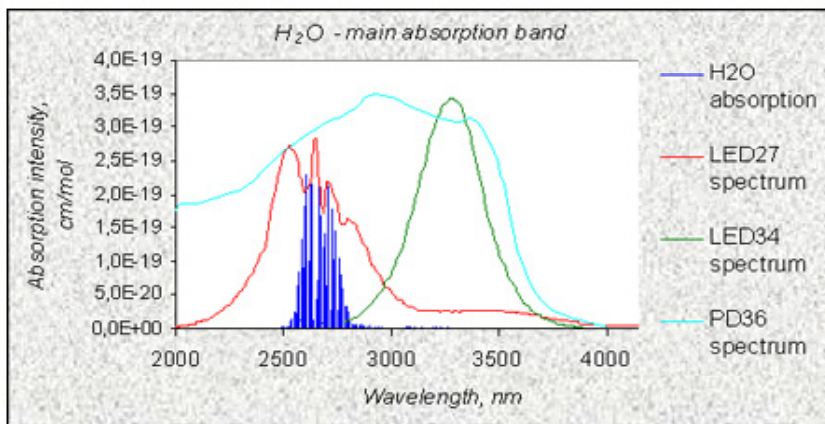
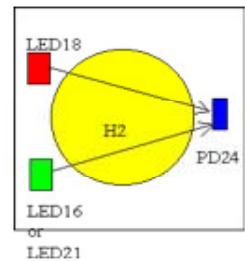
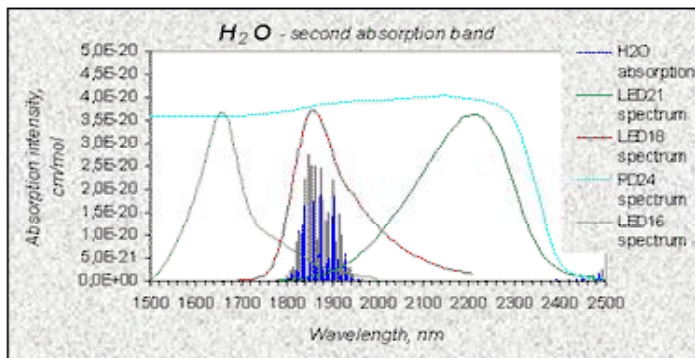




## Water (H<sub>2</sub>O) Detection



Water has very strong absorption band at 2550-2750 nm and 1830-1900 nm. When applying IBSG LEDs and PDs it is more preferable to use the second absorption band at 1830-1900 nm since emitters and detectors for this spectral range provide much better efficiency (the data are taken from HITRAN Catalog).



**Electro Optical Components, Inc.**

5460 Skylane Boulevard, Santa Rosa, CA 95403

Phone: (707) 568-1642 • FAX: (707) 568-1652