Home
About Us
Testing
- Laser Induced Damage
- Laser Damage Threshold
- Laser Damage Certification
- Optical Density and Transmission
- Telecommunications
- Environmental Exposure
- Optical Metrology
- Nomarski Inspection
- Surface Roughness
- Interferometry

Quality
Media
FAQs
Forms
Contact Us
Careers

Home › Optical Density and Transmission

Optical Density and Transmission

Measurement of reflective surfaces or absorbing materials is often difficult using standard spectrophotometric techniques. Spica Technologies maintains laser based measurement systems which can accurately determine the transmission, reflection or absorption of optical components at any of our standard wavelengths. The use of a laser allows measurements independent of sample size, refractive power, angle of incidence, and polarization. Measurements can also be made over an extremely broad dynamic range, including optical densities in excess of 8.0. Common applications for this test service include the measurement and certification of laser eyeware, measurement of high and partially reflective coatings, and measurement of AR coated surfaces.