Abrisa Technologies’ ZC&R Coatings for Optics delivers unique precision thin film coating solutions on fabricated glass, wafers, filter glass and other materials of our or customer supply. Our design engineers work closely with customers to understand both the application and their business needs so that our solutions not only meet optical performance needs but include considerations for “fitness for use” and of course, economies of scale. Coated solutions are offered from 200nm in the UV to 20 microns in the far infrared.

**Anti-Reflective & Sunlight Readable**
- Photopic & Oleophobic AR for Displays
- Narrowband V-Coat for Lasers & Scanners
- Broadband UV, VIS, NIR, SWIR AR for Imaging
- Wide Angle 0-52° AR for LiDAR & Sensors

**Beam Splitter & Partial Transmitters**
- Standard, Polarizing, Non-Polarizing, Hybrid
- Partial Transmitters for Security, Hidden LCD
- Neutral Density & Dark Mirrors

**Bio/Chemical Compatible & Protective**
- Autoclavable for Medical & Dental
- Selective & Absorptive for Bio/Chemical Sensing
- Chemically Compatible for Bonding or Processing
- UV Transmissive for Curing or Fluorescence

**Defense & IR Control**
- Hot & Cold Mirror Filters
- Infrared (IR) Defense - Covert
- Blackeye, Covert, Semi-Covert & SWP

**Mirror, Metallic & Bus Bar**
- Gold, Silver, Aluminum, Enhanced Aluminum
- All Dielectric – Laser, Select & Broadband
- Bus Bars – CrNiAu, Ag Epoxy, Ag Frit

**Transparent Conductive (ITO/IMITO)**
- Heater & Anti-Fog
- EMI Shielding
- LC Electro-Optic Switching & Filtering

**UV, Solar & Heat Management**
- UV/IR Blocking, Hot & Cold Mirrors
- Blacklite™ UV Transmitting

**Wavelength Selective & Color**
- Long Wave & Short Wave Pass
- Band Pass & Notch
- Dichroics, RGB, CYM, Color Correction
Abrisa Technologies is a globally recognized company that combines expertise in both fabricated technology glass and optical thin film coatings with volume manufacturing and engineering capabilities to deliver Total Solutions with excellent performance, fitness-for-use, and economies of scale.

Abrisa Technologies is comprised of two USA based facilities, Abrisa Industrial Glass, a fabrication facility in Santa Paula, CA and ZC&R Coatings for Optics facility in Torrance, CA, which together produce solutions from simple fabricated and strengthened glass components, to more sophisticated ready-to-install optically coated, electronically enabled, and branded sub-assemblies.

Our facilities serve a variety of industries and markets as: Micro-electronics, Defense and Avionics, Display, Industrial Automation, Optical Sensors and Imaging, Photonics, Medical/Dental, Life Science Analytics, and more.

Abrisa Industrial Glass
200 South Hallock Drive
Santa Paula, CA 93060

ZC&R Coatings for Optics
1401 Abalone Avenue
Torrance, CA 90501

(877) 622-7472
www.abrisatechnologies.com
info@abrisatechnologies.com