

OPTICS AND COATINGS



RAINBOW
RESEARCH OPTICS, INC.
OPTICS | COATING | TESTING



- **Rainbow Research Optics, Inc. (RROI)** is a global leader in custom optics and coatings. For over 22 year's we have produced superior quality products with fast turnaround times at the most competitive pricing.

ONE-STOP SHOP FOR OPTICS

Polishing, grinding, tooling, coating, and QA
1,000's of premade test plates and tools
Six E-beam coating chambers
ION assisted deposition

SERVING INDUSTRIES SUCH AS

Department of Defense	Aerospace
Communication	Research
Medical and Bio	Infrared
Commercial	Laser

TECHNICAL CAPABILITIES

DIAMETER	3.0 mm – 20.0 in
DIAMETER TOLERANCE	+/- 0.001 in
THICKNESS (MINIMUM)	0.020 in
THICKNESS TOLERANCE	+/- 0.001 in
SCRATCH-DIG	10-5
IRREGULARITY	$\lambda/10 - \lambda/20$ @ 633 nm
WEDGE	1 arcsec
CENTERING ERROR	< 30 arcsec
WAVELENGTHS	193 nm to 14 μ m
COATINGS	UV, Visible, Near IR, SWIR, FAR IR, Metal, Polarizer, ITO, and more

"Our goal is to satisfy our customers.

Our experience tells us the best way to do it is with great communication and detailed project management" - Tae Soon Lee (CEO)

