

Precision Optical Coatings



Knight Optical is able to offer its customers a full range of precision optical coatings, due to the vast coating facilities at Torrent Photonics, our parent company.

From standard antireflective (AR) coatings and dichroics, to coatings that can withstand high-energy lasers, Knight Optical has expanded its already wide portfolio of coating capabilities.

BENEFITS

- Class 1000/100 clean rooms
- Plasma cleaning and ultrasonic cleaners
- High volume AR coating capabilities
- Thermal and e-beam evaporation, magnetron sputtering, and ion beam sputtering (IBS) coating chambers

CAPABILITIES

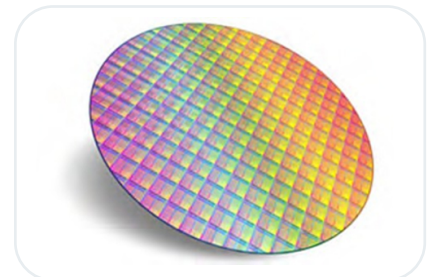
Substrates	Optical glass, wafers, chalcogenide
Dimensions	up to 508mm (20")
Wavelengths	UV to SWIR
Coating types	AR, BBAR, dichroic filter, beamsplitter, linear variable filters, high LDT laser coatings, and more

INDUSTRIES

- Laser
- Machine Vision
- Defence
- Space

APPLICATIONS

- Imaging systems
- Optical sensors
- Spectrometers
- Medical lasers



Contact our technical sales team to learn more about how our precision optical coatings can meet your custom specifications.

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Bringing quality
into focus

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