LINZA 150
ESSENTOPTICS

SPECTROPHOTOMETER FOR LENS MEASUREMENT

UNIQUE MEASUREMENT CAPABILITIES

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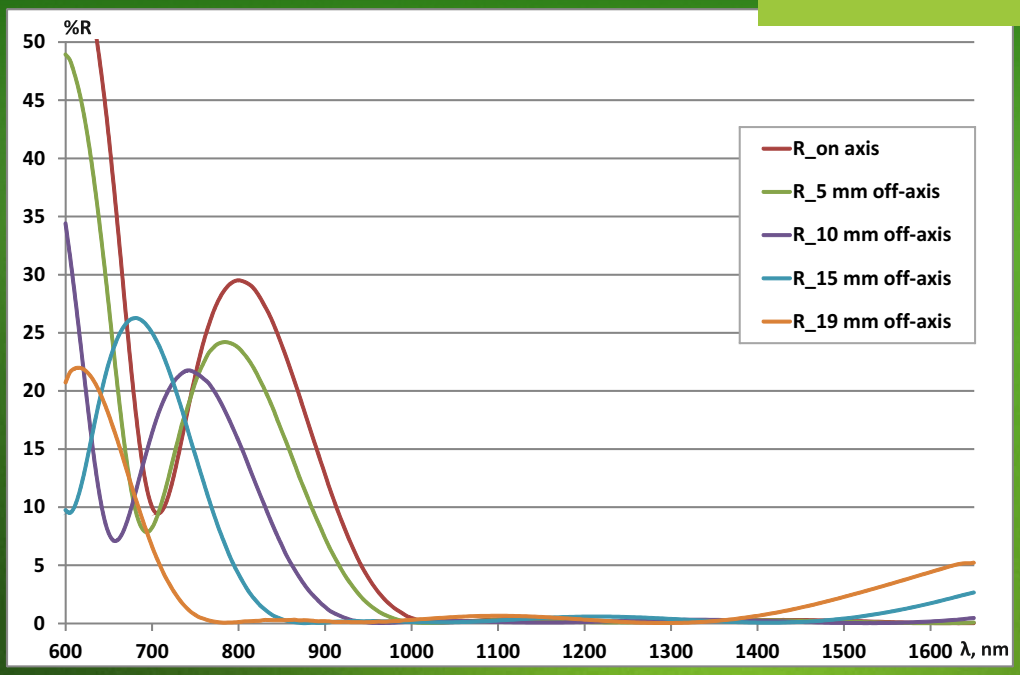
ASPHERICAL LENS

Broadband AR Coating
Ø 42 mm

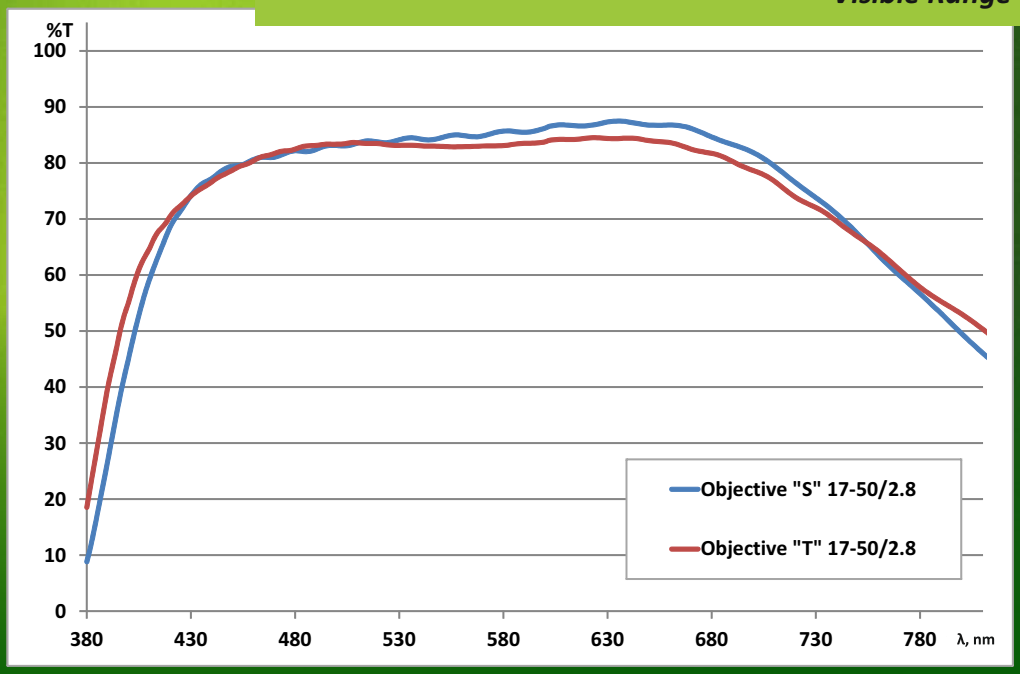


On-axis/off-axis reflectance measurement of broadband AR coating. The coating uniformity data is measured unattended and shown for several zones on the lens' surfaces spaced at different distances from lens' axis.

**** Unattended Batch Measurement***

TRANSMITTANCE MEASUREMENT OF LENS OBJECTIVES

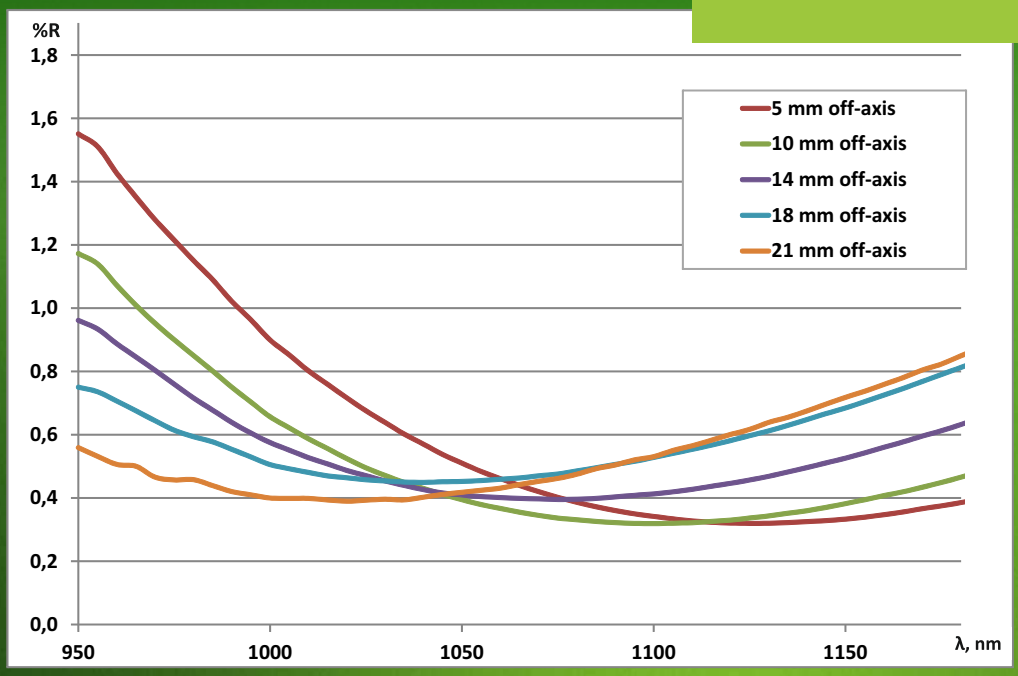
On-Axis Transmittance Measurement of Lens Objectives
Visible Range



Comparison of transmittance measurement data for two consumer-level lens objectives. "S" objective contains 17 elements in 13 groups. "T" objective features 19 elements in 14 groups.

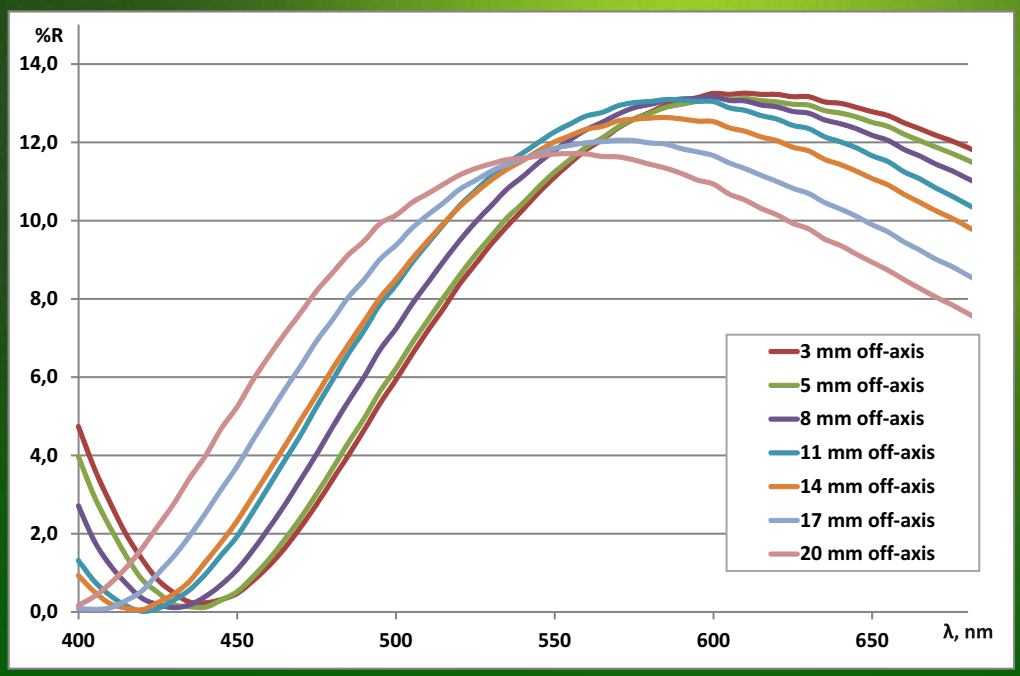
PLANO-CONCAVE LENS

Off-Axis Reflectance Measurement
Concave Lens
Ø 46 mm R 42 mm



**** Unattended Batch Measurement***

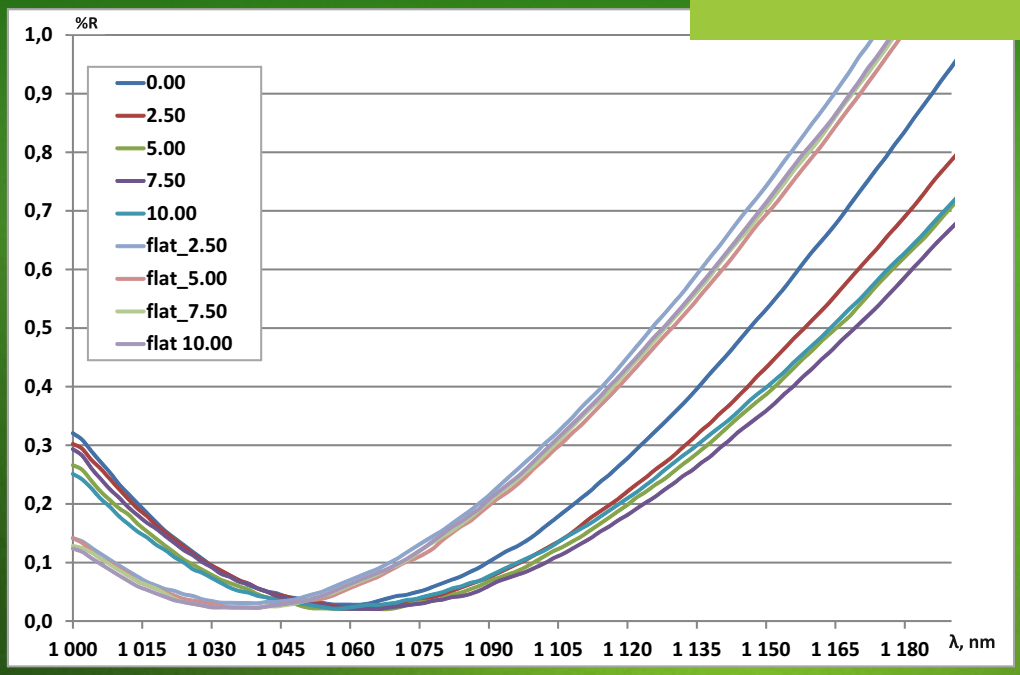
Off-axis reflectance measurement of thin film coating for visible and near IR range. The coating uniformity data is measured unattended and shown for several zones on the lens' surfaces located at different distances from the lens' axis to the edge. The data provides valuable information needed to assess the actual uniformity of the coating.



**** Unattended Batch Measurement***

PLANO-CONVEX LENS

On-Axis/Off-Axis Reflectance Measurement
Plano-Convex Lens. Double-side AR coating @ 1064.00 nm
Ø 25 mm R 46mm



**** Unattended Batch Measurement***

Unattended on-axis/off-axis reflectance measurement of thin film coating for near IR range taken sequentially from two sides of lens. The coating uniformity data is shown for several zones of both lens' surfaces located at the same distances from the lens' axis. The data provides necessary information needed to assess the actual uniformity of the coatings and is critical for backward analyses of the deposition process.

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