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TECHSPEC® Precision Aspherized Achromatic Lenses


- All Glass Color-Corrected Asphere
- Ideal for Imaging and Biotech Applications
- MgF₂ Coated

Common Specifications

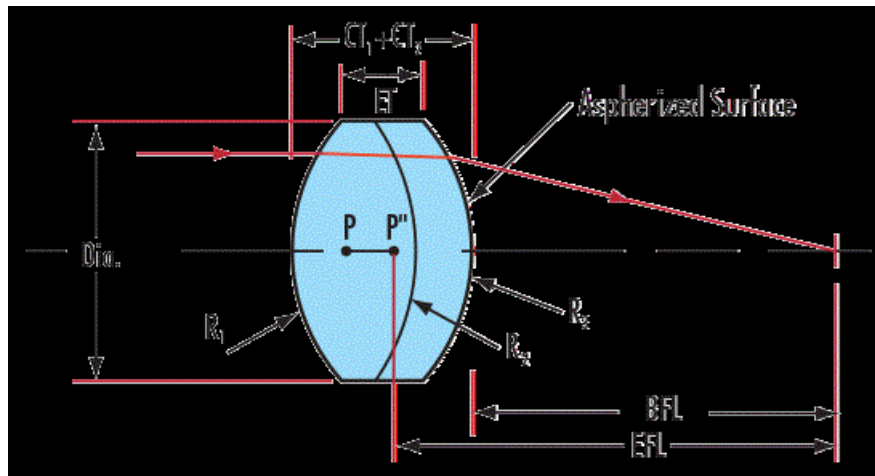
Physical & Mechanical Properties

Diameter (mm):	25.00 +0.0/-0.1	Clear Aperture CA (mm):	22.5
Centering (arcmin):	≤3		

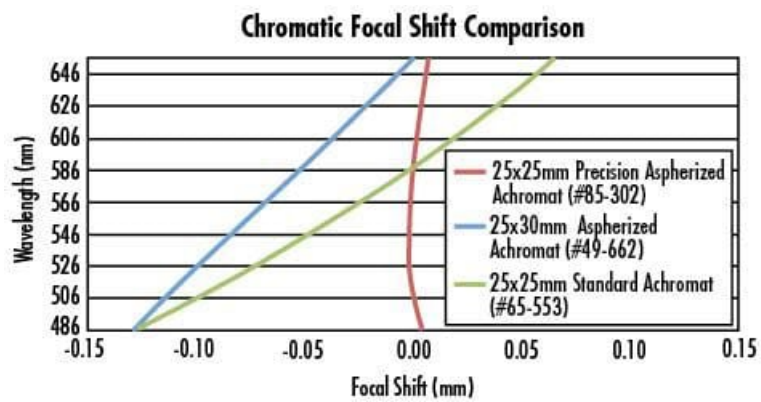
Optical Properties

Focal Length Specification Wavelength (nm):	587.6		
Substrate:	N-PK51 / S-NPH2	Surface Quality:	20-10
Coating:	MgF ₂ (400-700nm)	Coating Specification:	R _{avg} ≤1.75% @ 400 - 700nm
Wavelength Range (nm):	450 - 700	Asphere Figure Error, RMS @ 632.8nm:	0.8λ

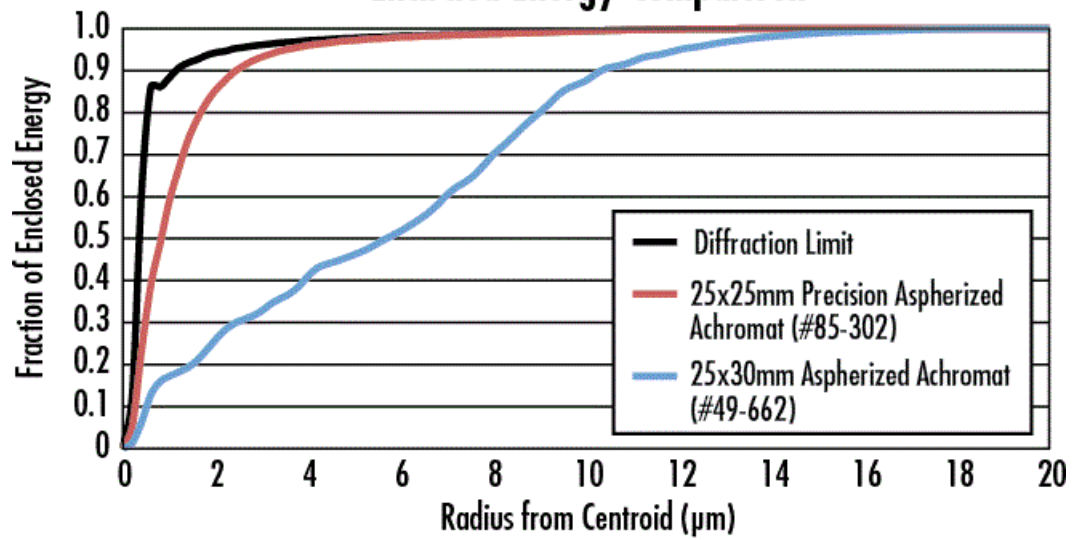
Technical Information



CT: Center Thickness, ET: Edge Thickness, R: Radius, P: Principal Plane, BFL: Back Focal Length, EFL: Effective Focal Length



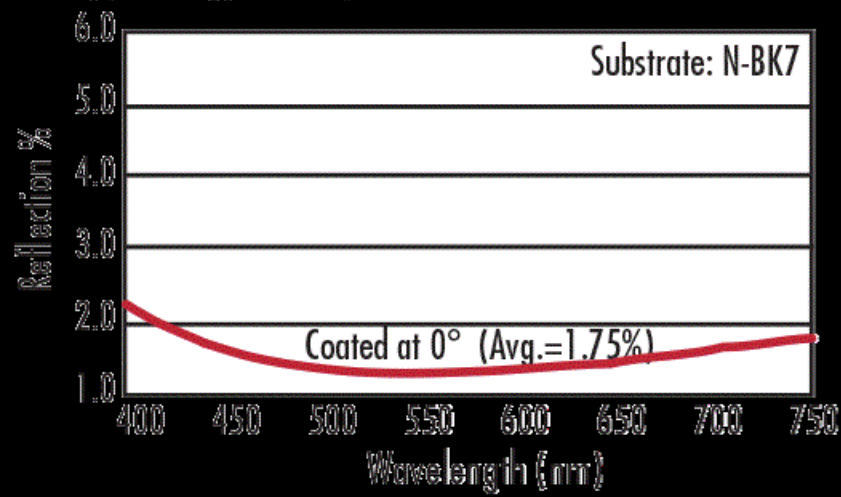
Encircled Energy Comparison



MgF₂ Coating

R_{avg} ≤ 1.75% @ 400 - 700nm

Typ. Energy Density Limit: 10 J/cm² @ 532nm, 10ns



Products

Dia. (mm)	EFL (mm)	BFL (mm)	CT (mm)	Substrate	Coating	Stock Number	Price	Buy
25.00	20.00	8.56	23.20	N-PK51 / S-NPH2	MgF ₂ (400-700nm)	#85-301	€1.220,00 Qty 6+ €1.100,00	3-4 days
25.00	25.00	16.40	25.00	N-PK51 / S-NPH2	MgF ₂ (400-700nm)	#85-302	€1.220,00 Qty 6+ €1.100,00	3-4 days



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