

170mm, 355nm JENar™ Silverline™ F-Theta Scanning Lens

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£5,665.25

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Focal Length FL (mm):
170.00

Substrate: ☐
[Fused Silica](#) (Corning 7980)

Model Number:
586840

Maximum Diameter (mm):
146 +0/-0.2

Scan Angle (°):

±25
Scan Field (mm): 100 x 100
Mounting Threads: M85 x 1
Telecentricity (°): F-Theta Only: 4.80 With Scanner: 4.80
Type: JENar Silverline F-Theta
Weight (g): 1850
Working Distance (mm): 235.8
Note: Damage Warning: Not recommended for picosecond and femtosecond laser pulses.
Wavelength Range (nm): 355
Protective Window: #17-698 : One Included
Manufacturer: Jenoptik
Damage Threshold, By Design: ☐ $1.0 \text{ J/cm}^2 * (\tau/\text{[ns]})^{0.40}$ 1.0 MW/cm ²
Scan Field Diameter (mm): 140
X/Y Mirror Angle (°): ±8.9
Flange Distance (mm): 315.8
Focus Size Diameter, 1/e² (µm): 11
GDD Specification (fs²): 8490
Input Beam Diameter, 1/e² (mm): 10
Maximum Length (mm): 106.6

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View