

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

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Stock #16-771 3-4 DAYS

- 1 + **€6.665,00**

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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                                                                                                                                                                  |
| <b>Scan Field (mm):</b><br>100 x 100                                                                                                                                 |
| <b>Mounting Threads:</b><br>M85 x 1                                                                                                                                  |
| <b>Telecentricity (°):</b><br>F-Theta Only: 4.80<br>With Scanner: 4.80                                                                                               |
| <b>Type:</b><br>JENar Silverline F-Theta                                                                                                                             |
| <b>Weight (g):</b><br>1850                                                                                                                                           |
| <b>Working Distance (mm):</b><br>235.8                                                                                                                               |
| <b>Note:</b><br>Damage Warning: Not recommended for picosecond and femtosecond laser pulses.                                                                         |
| <b>Wavelength Range (nm):</b><br>355                                                                                                                                 |
| <b>Protective Window:</b><br><a href="#">#17-698</a> : One Included                                                                                                  |
| <b>Manufacturer:</b><br>Jenoptik                                                                                                                                     |
| <b>Damage Threshold, By Design:</b> <input type="checkbox"/><br><div><div>1.0 J/cm<sup>2</sup> * (τ/[ns])<sup>0.40</sup></div><div>1.0 MW/cm<sup>2</sup></div></div> |
| <b>Scan Field Diameter (mm):</b><br>140                                                                                                                              |
| <b>X/Y Mirror Angle (°):</b><br>±8.9                                                                                                                                 |
| <b>Flange Distance (mm):</b><br>315.8                                                                                                                                |
| <b>Focus Size Diameter, 1/e<sup>2</sup> (μm):</b><br>11                                                                                                              |
| <b>GDD Specification (fs<sup>2</sup>):</b><br>8490                                                                                                                   |
| <b>Input Beam Diameter, 1/e<sup>2</sup> (mm):</b><br>10                                                                                                              |
| <b>Maximum Length (mm):</b><br>106.6                                                                                                                                 |

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |