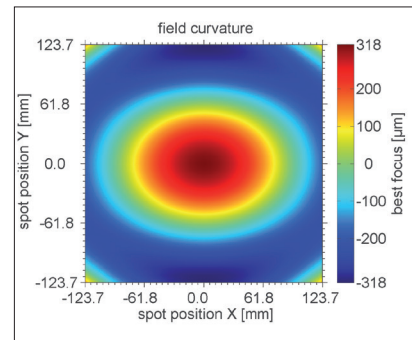
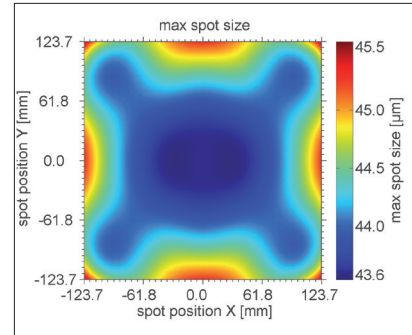


# F-Theta JENar™ Lens Series

## Large Scan Fields – JENar™ 347-1030...1080-354

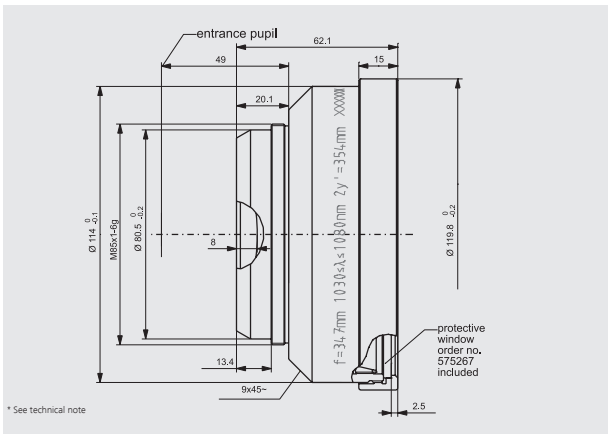
Parameters	JENar™ 347-1030...1080-354 F-Theta lens for large scan fields
Focal length:	347 mm
Wavelength:	1030...1080 nm
Scan field ( X x Y ); Ø:	(250 mm x 250 mm); 354 mm
Diagonal scan angle:	57.6°
Back working distance:	403.8 mm
Flange focus distance:	445.8 mm
Input beam Ø 1/e²:	16 mm
Focus size Ø 1/e²:	46 µm
a1:	17 mm
a2:	40.5 mm
Telecentricity (only F-Theta   with scanner):	18.7°   18.7°
Group delay dispersion (GDD)*:	2140 fs²
LIDT coating pulsed; CW*:	5.0 J/cm² * (τ/[ns]) ^ 0.30; 5.0 MW/cm²
LIDT system pulsed; CW*:	5.0 J/cm² * (τ/[ns]) ^ 0.30; 5.0 MW/cm²
Weight:	1.3 kg
Order Number::	017700-022-26

### Spot properties

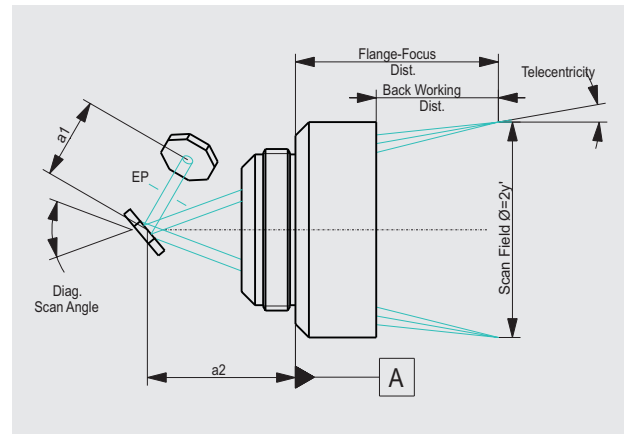


### Specifications

JENar™ 347-1030...1080-354



### Definition of geometrical parameters



JENar®: Registered in EU, CN, JP, SG, US | F-Theta: Registered Design in EU, CN, KR, JP, SG, IN, HK, TW

The data given are nominal values for the specified application parameters. Jenoptik provides Zemax® BlackBox files for simulating application results for customized parameters (e.g. wavelength, scanner geometry, beam diameter, ...). Back working distance, Flange focus distance, and focal length vary by ± 1.5 % due to manufacturing variances.

It is our policy to constantly improve the design and specifications. Accordingly, the details represented herein cannot be regarded as final and binding.