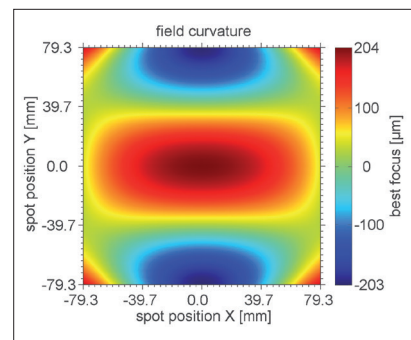
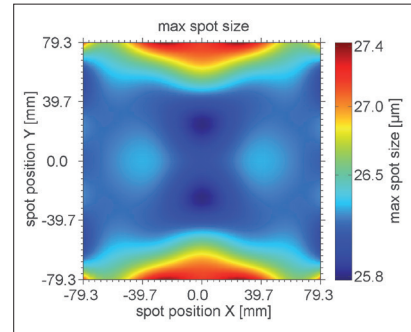
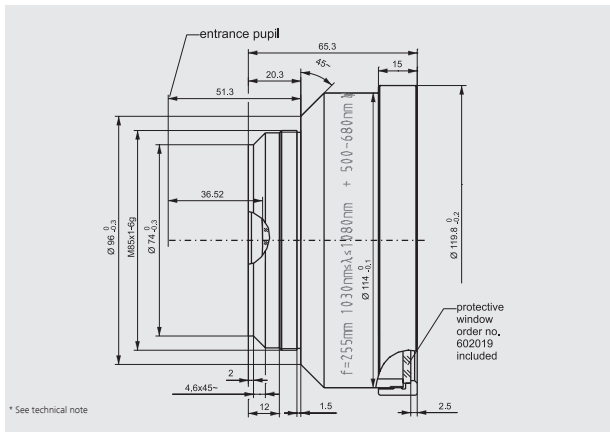
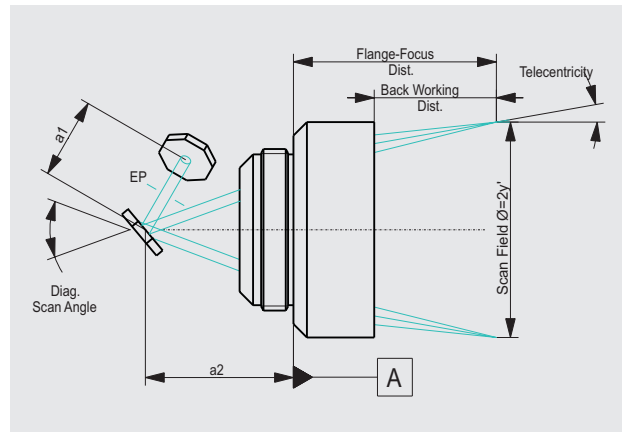


F-Theta JENar™ Lens Series
Larger Beam Diameters and Scan Fields – JENar™ 255-1030...1080-239 + VIS

Parameters	JENar™ 255-1030...1080-239 + VIS Lens for larger beam diameters and scan fields
Focal length:	255 mm
Wavelength:	1030...1080 nm; T@500...680 nm > 85 %
Scan field (X x Y); Ø:	(169 mm x 169 mm); 239 mm
Diagonal scan angle:	53.2°
Back working distance:	291 mm
Flange focus distance:	336 mm
Input beam Ø 1/e²:	20 mm
Focus size Ø 1/e²:	24 µm
a1:	25 mm
a2:	39 mm
Telecentricity (only F-Theta with scanner):	14.3° 15°
Group delay dispersion (GDD)*:	3670 fs²
LIDT coating pulsed; CW*:	not available yet
LIDT system pulsed; CW*:	not available yet
Weight:	1.4 kg
Order Number::	601948

Spot properties

Specifications
JENar™ 255-1030...1080-239 + VIS

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.