

The C5506007 Catadioptric lens was developed for a prominent client in Europe.

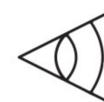
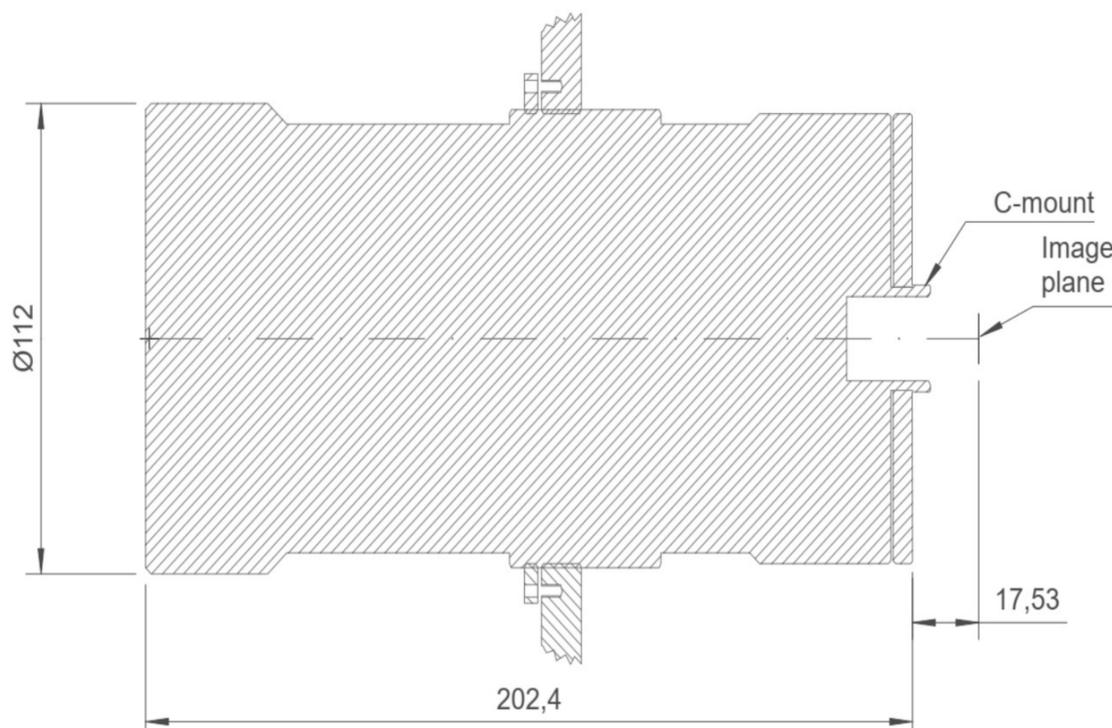
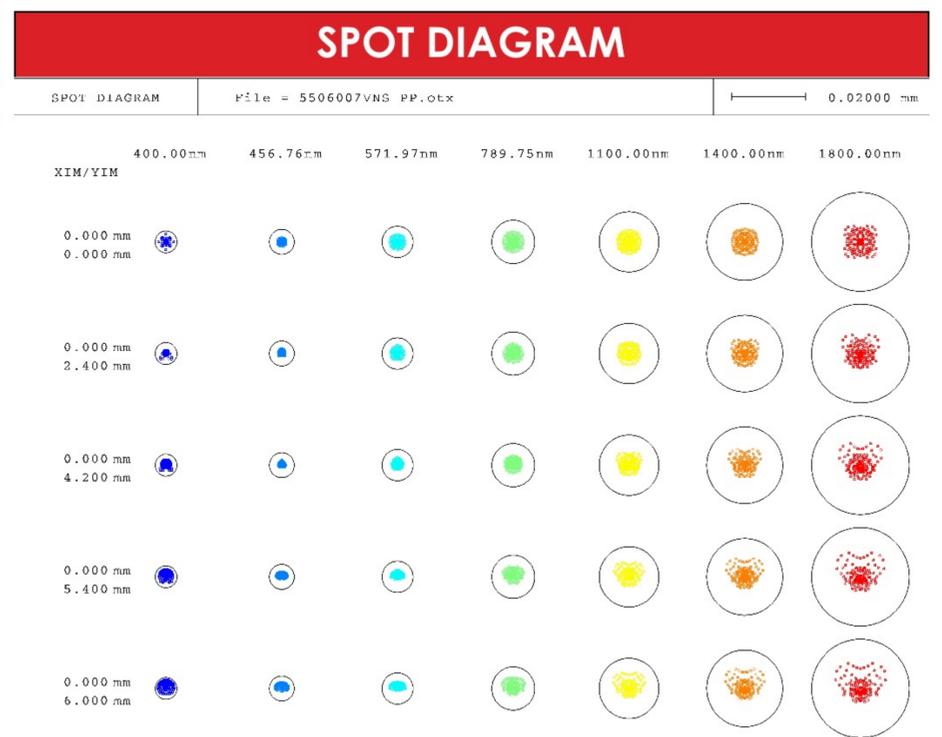
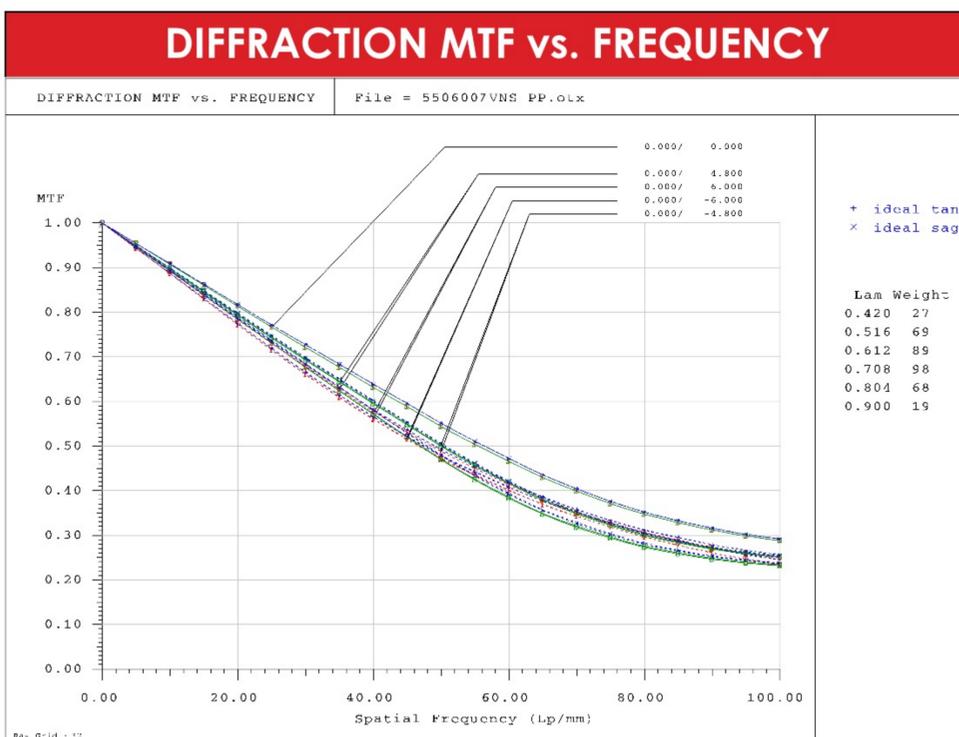
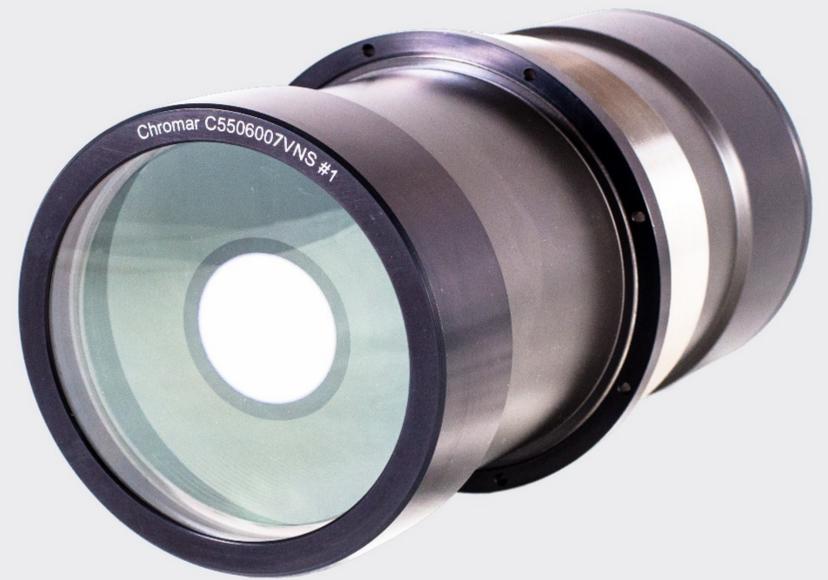
The lens is ruggedized, a-thermal design and has an excellent image across the entire field and operates in the Visual, NIR and SWIR spectral ranges.

The lens has a standard c-mount.

The total distance from the front of the lens to image plane is less than 213mm while the total diameter of 109mm reveals an elegant design.

The 14 mm image diameter provides a diagonal field angle of 1.5°, and a 2/3" CCD covers a horizontal field angle of 0.9°.

With a 5µm pixel sensor, at the Nyquist frequency of 100cy/mm, the lens achieves 25% modulation on-axis and 20% on the edge of the field.



550mm EFL



f/6



7mm image height

Spectrum

V	N	S	M	L
0,4-0,7µm	0,7-1µm	1-2µm	3-5µm	8-12µm
<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Type

Zoom	Refracting	Catadioptric
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>