

Officina Stellare 2013 RiLA range models

Pleas note that all spot sizes diagrams are ptychromatic from 410 to 750 nm.
No one manufacturer show you so broad spectrum performances.



RiLA 400 mm F/3.8



RiLA 600 mm F/3.8

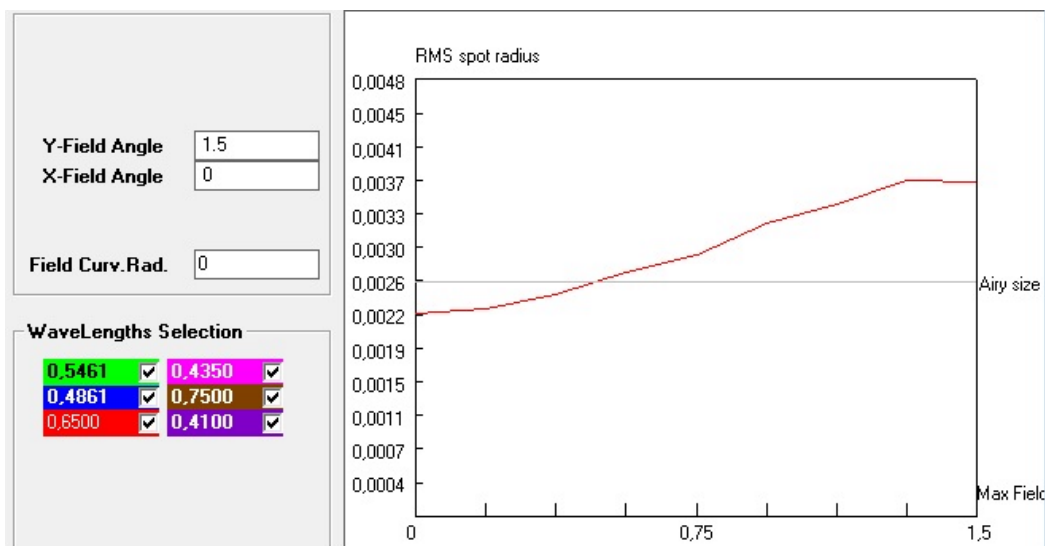
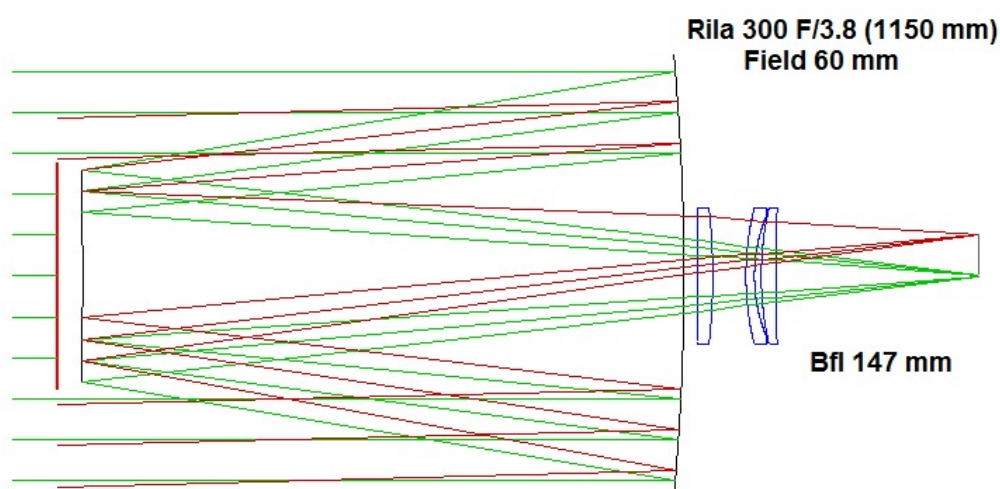
RILA 300 F/3,8 (Focal length 1150 mm)

Linear Field: **60 mm** (Half field 1.5 degrees, total field 3 degrees)

Back Focal length: **147 mm**

Obstruction: **55%**

RMS Spot size 30 mm OFF AXIS: **3.6 micron**



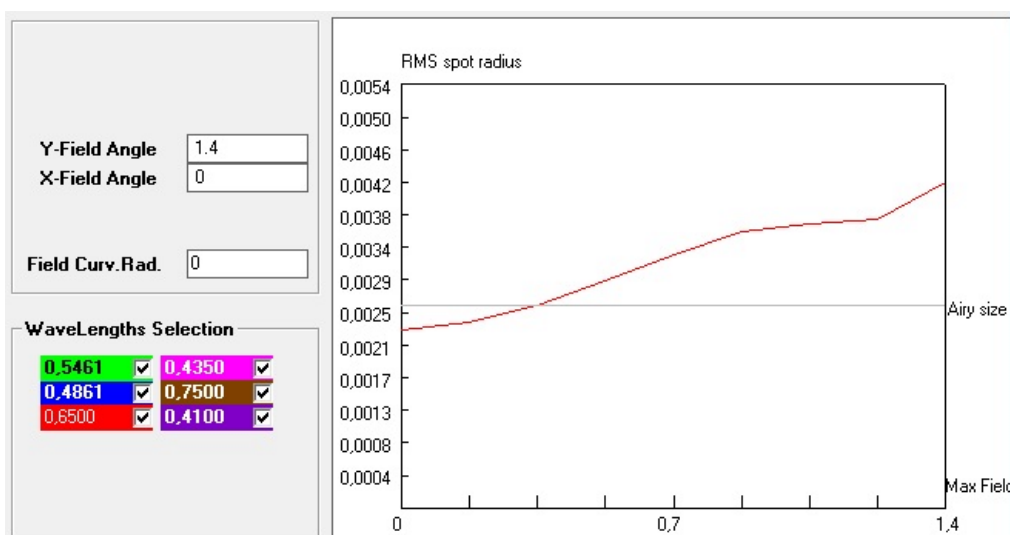
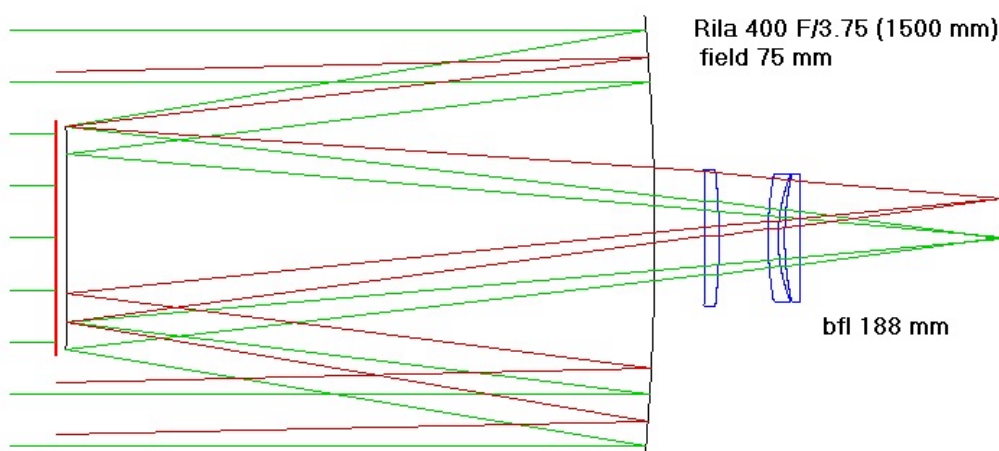
RILA 400 F/3,75 (Focal length 1500 mm)

Linear Field: up to **80 mm** (Half field 1.5 degrees, total field 3.0 degrees)

Back Focal length: **188 mm**

Obstruction: **55%**

RMS Spot size 37 mm OFF AXIS: **4.2 micron**



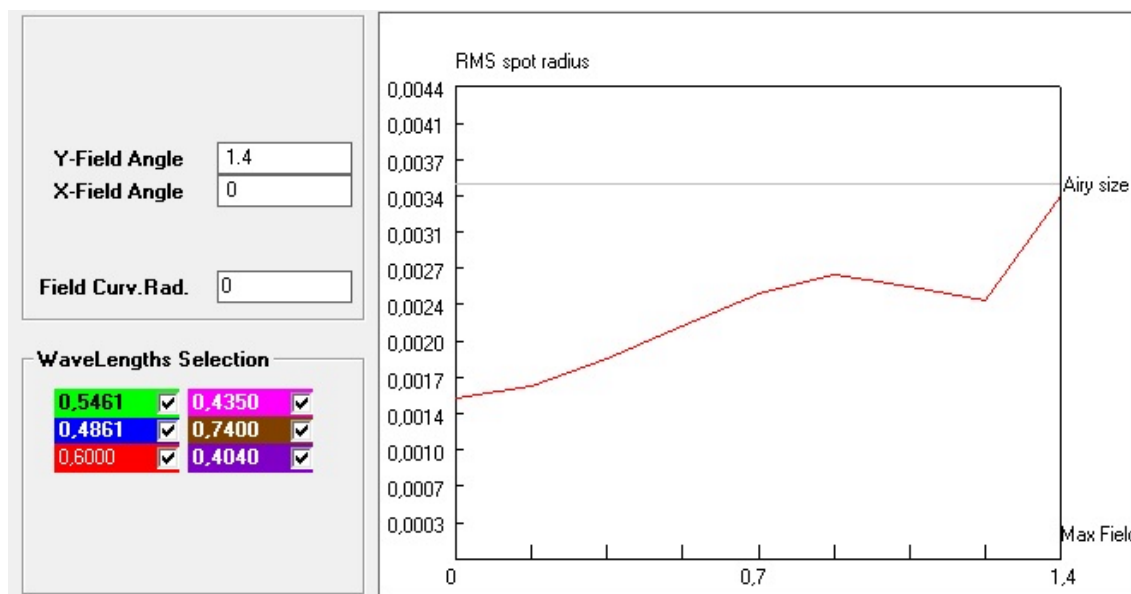
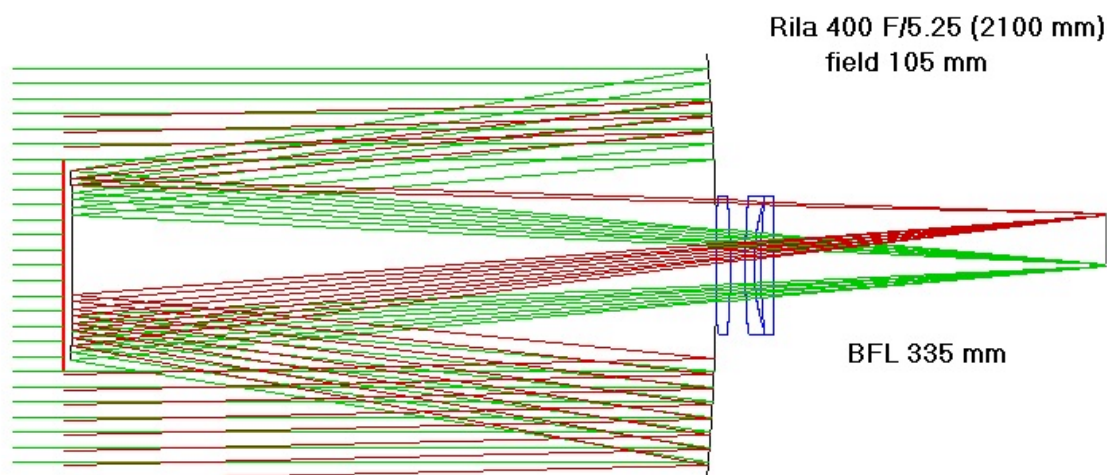
RILA 400 F/5.25 (Focal length 2100 mm)

Linear Field: 105 mm (Half field 1.4 degrees, total field 2.8 degrees)

Back Focal length: 335 mm

Obstruction: 52%

RMS Spot size 52 mm OFF AXIS: 3.4 micron **DIFFRACTION LIMITED ON FULL FIELD!**



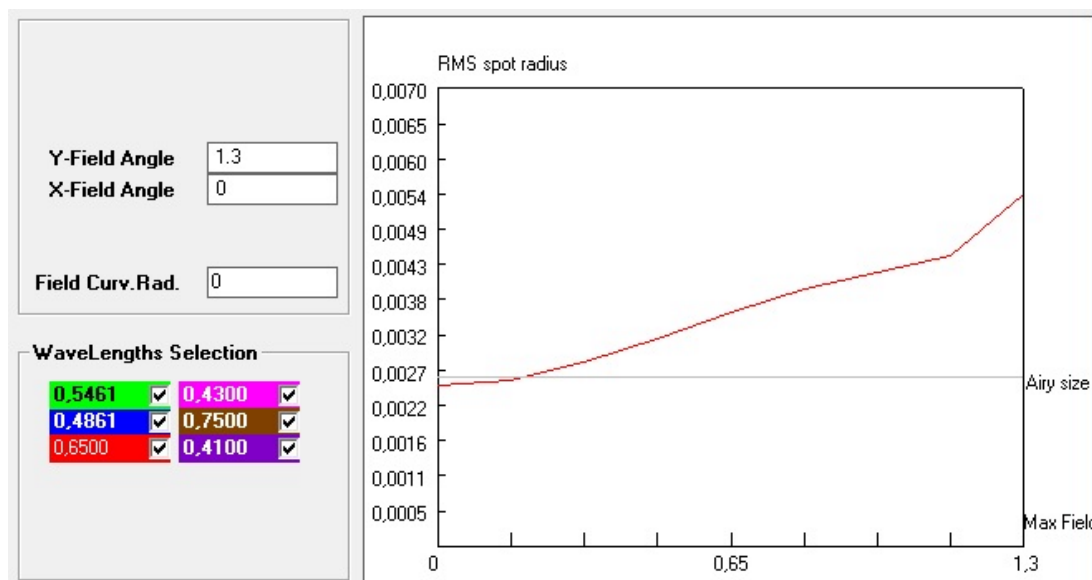
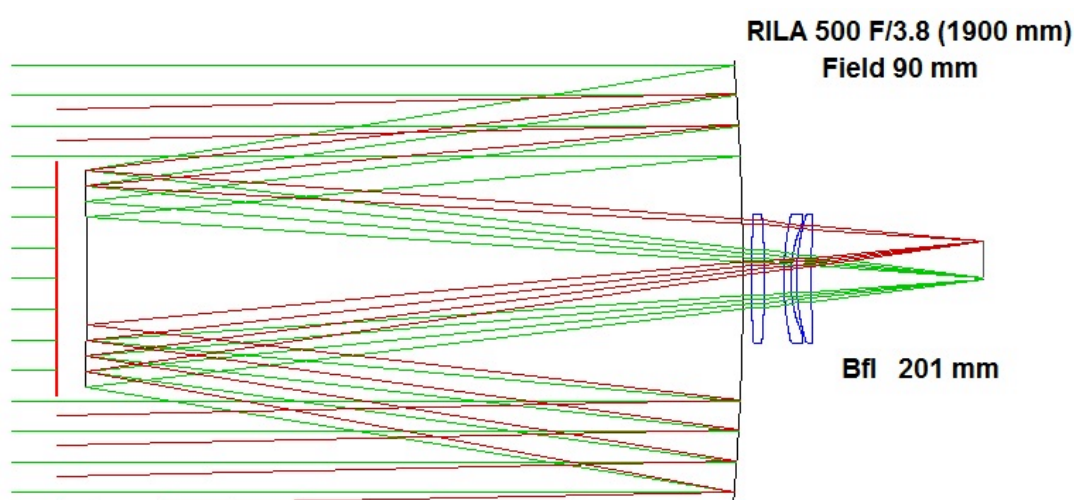
RILA 500 F/3.8 (Focal length 1900 mm)

Linear Field: **90 mm** (Half field 1.35 degrees, total field 2.7 degrees)

Back Focal length: **201 mm**

Obstruction: **55%**

RMS Spot size 45 mm OFF AXIS: **5.4 micron**



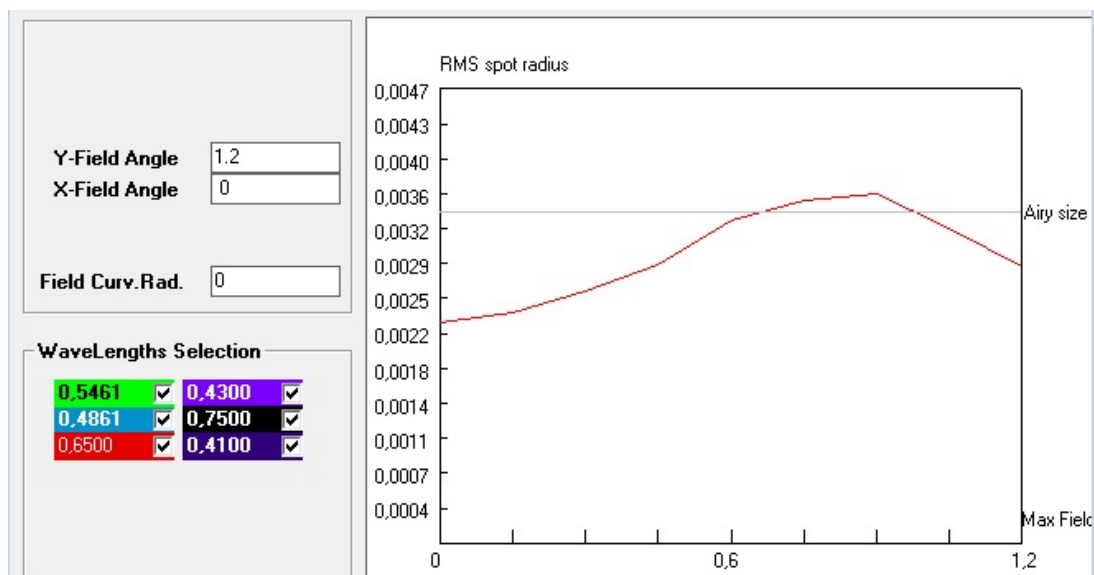
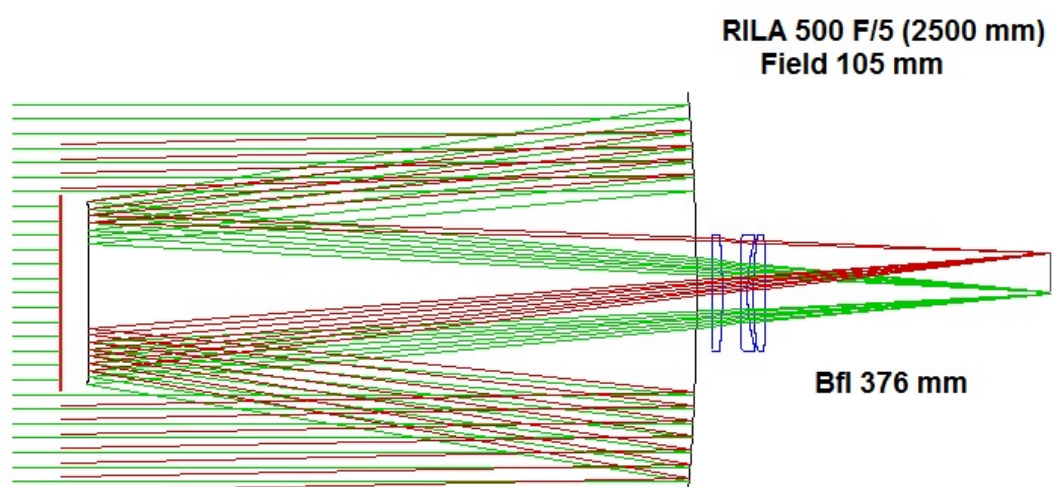
RILA 500 F/5 (Focal length 2500 mm)

Linear Field: **105 mm** (Half field 1.2 degrees, total field 2.4 degrees)

Back Focal length: **376 mm**

Obstruction: **52%**

RMS Spot size 52 mm OFF AXIS: **3.4 micron** **DIFFRACTION LIMITED ON FULL FIELD!**



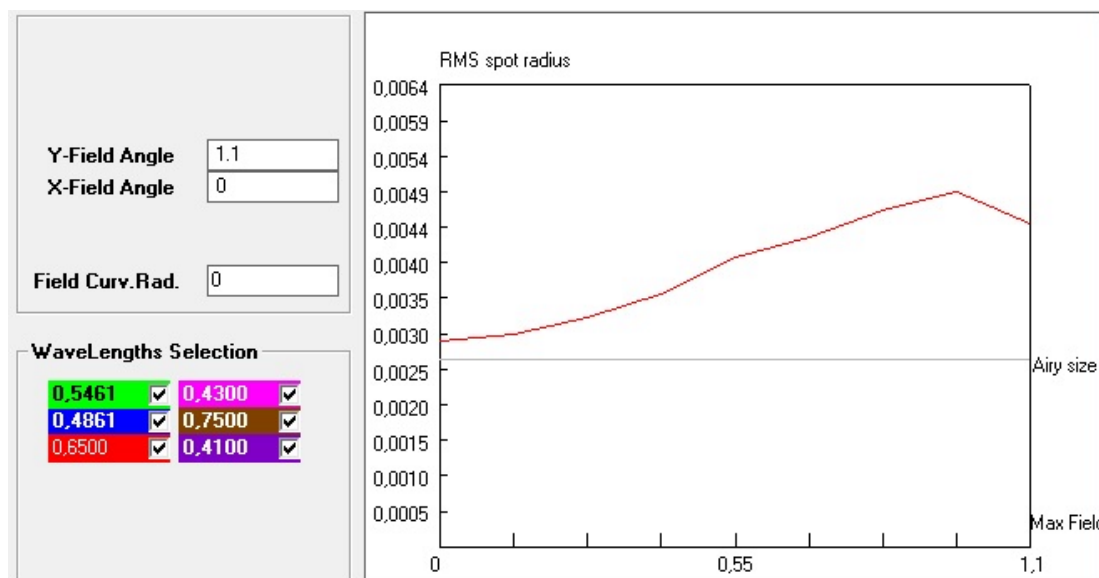
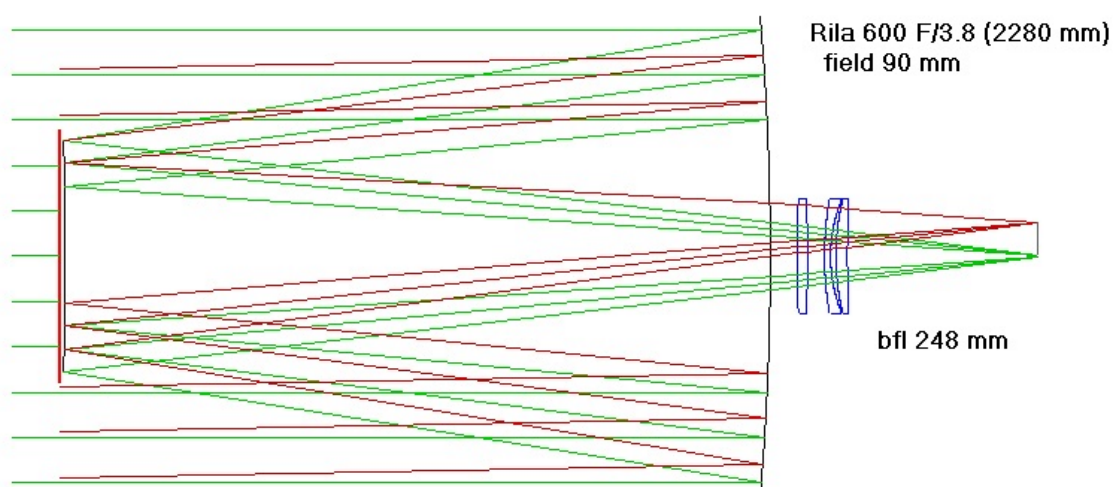
RILA 600 F/3.8 (Focal length 2280 mm)

Linear Field: up to **100 mm** (Half field 1.2 degrees, total field 2.4 degrees)

Back Focal length: **248 mm**

Obstruction: **55%**

RMS Spot size 45 mm OFF AXIS: **4.4 micron**



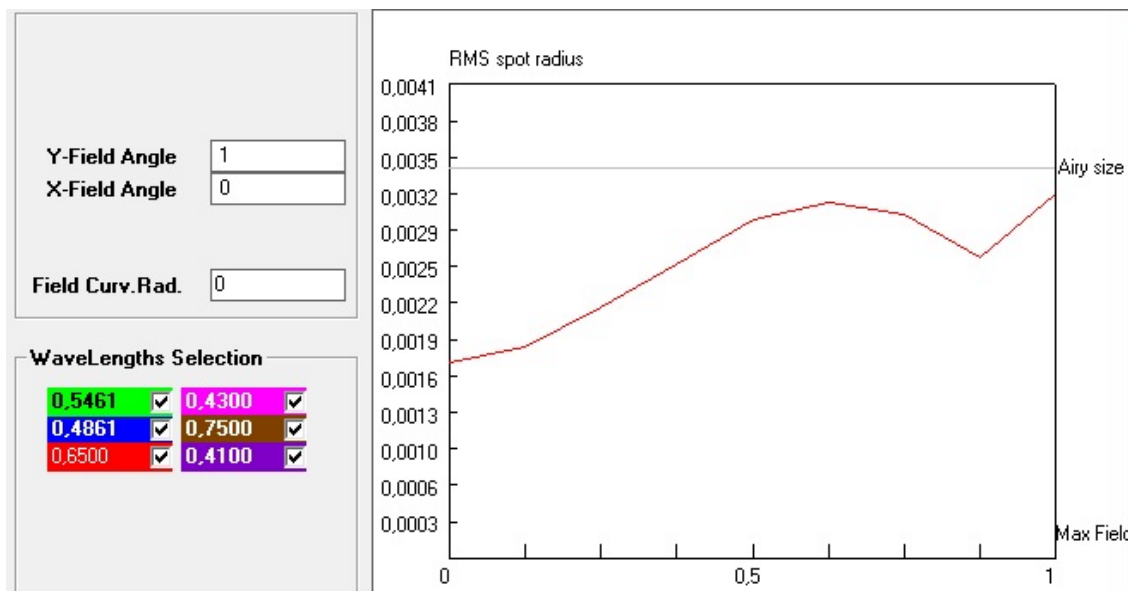
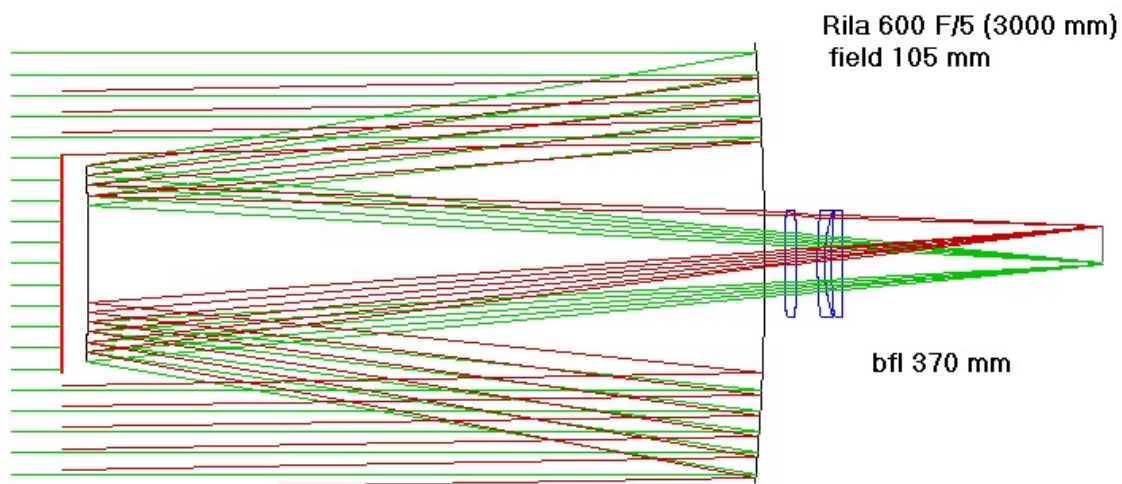
RILA 600 F/5 (Focal length 3000 mm)

Linear Field: up to **105 mm** (Half field 1 degree, total field 2 degrees)

Back Focal length: **366 mm**

Obstruction: **51%**

RMS Spot size 52 mm OFF AXIS: **3.2 micron** **DIFFRACTION LIMITED ON FULL FIELD!**



RILA 800 F/5 (Focal length 4000 mm)

Linear Field: up to **105 mm** (Half field 0.75 degrees, total field 1.5 degrees)

Back Focal length: **420 mm**

Obstruction: **51%**

RMS Spot size 52 mm OFF AXIS: **3.7 micron** **DIFFRACTION LIMITED ON FULL FIELD!**

