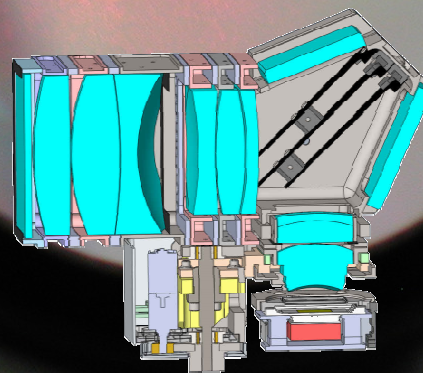
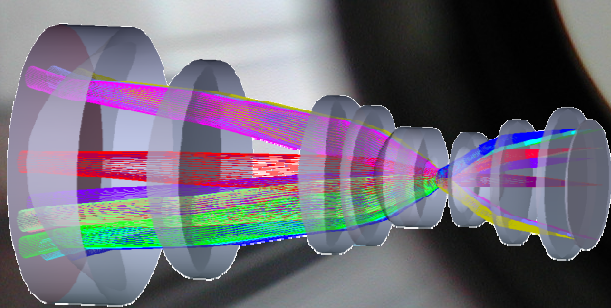


Real Life Example



Optical Alignment Seminar – 1/19/2018

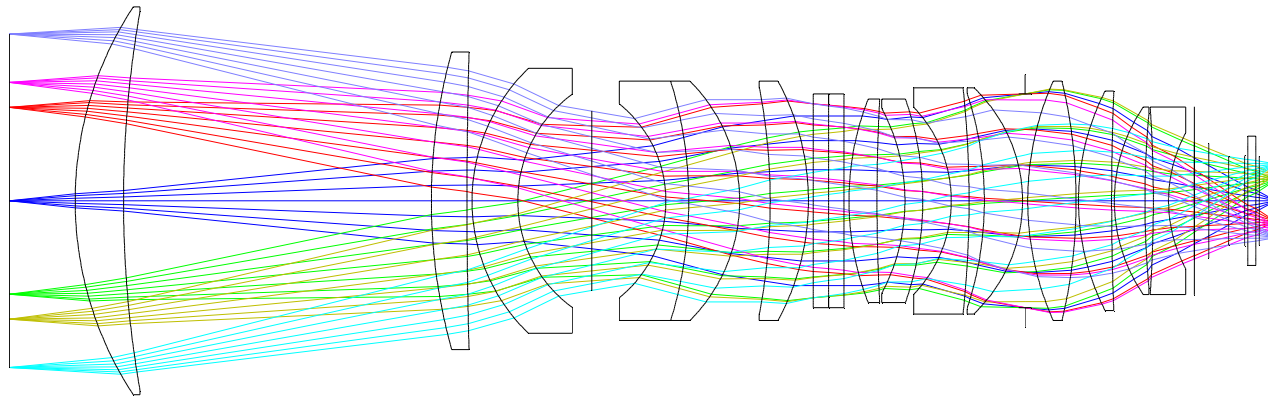
First Order Properties

- Object: 112mm by 72mm, diag. 133.15mm
- Well size: 1536 elements, 1.8mm square
- Wall size: 0.45mm wide
- Pixel size 25um, 1016 x 1016 array
- Long object distance fits just inside array
- Telecentric object space (look straight into wells over entire object)

First Order Properties (cont)

- OAL: 497.84 mm
- Working f/#: 1.04
- Spectral Range: Visible, 50nm bands, refocusing is allowed band to band
- Magnification: 0.222 (or 1/4.5)

Medical Assaying Lens



Layout

Proprietary Camera Design
1/16/2018
Total Axial Length: 497.84000 mm

3280 E. Hemisphere Loop
Suite 180
Tucson, AZ 85706

Gen 4 design lens air change 2-14-03 UV Silica Melt.zmx
Configuration 1 of 1