

Title: 300-168-9101 R1
Note: 100%CA F1.1 WITH NULL LENS

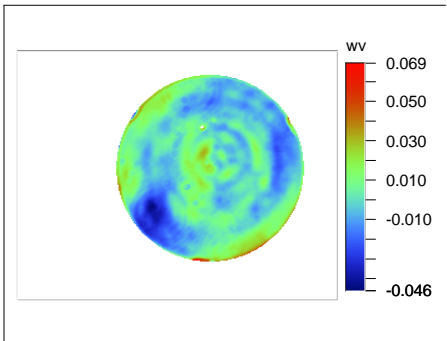
Date: 02/12/15
Time: 22:02:26
Wavelength: 632.8 nm
Wedge: 0.50 wv/fr
Pupil: 98.0 %
Size: 256 X 240

Surface Stats:
PV: 0.116 wv
Strehl: 0.994
X Center: 153.5 pix
Y Center: 126.5 pix

Terms Removed:
Terms: Tilt Power Coma
Filtering: Low Pass (3x3)

Ref Sub: No
Restore: No

| Poly Fit | Fit Error | Zernike Polynomial Coefficients (wv) | | | | |
|----------|-----------|--------------------------------------|-------|-------|--------|--------|
| 2 Term | 0.017 | -0.606 | 0.067 | | | |
| 3 Term | 0.016 | -0.606 | 0.066 | 0.009 | | |
| 8 Term | 0.009 | -0.606 | 0.067 | 0.009 | -0.002 | -0.017 |
| | | 0.002 | 0.030 | 0.012 | | |



| Seidel Aberrations (8 Term Fit) | | | | 2 Term Tilt | Angle |
|---------------------------------|--------------------|----------|------------------|--------------|----------------|
| | Coeff (per radius) | Rms | Angle | 0.609 wv | 625391.20 arcs |
| Tilt | 0.611 wv | | 645633.8 arcsec | | |
| Power | 0.017 wv | 0.005 wv | | 3 Term Tilt | Angle |
| Focus | -0.069 wv | | | 0.609 wv | 625451.96 arcs |
| Astig | 0.034 wv | 0.008 wv | -171503.4 arcsec | 3 Term Power | Rms |
| Coma | 0.090 wv | 0.032 wv | 307957.9 arcsec | 0.017 wv | 0.005 wv |
| Sa3 | 0.070 wv | 0.021 wv | | | |