

### WinRoddier Ver. 3 Test Parameters setup for included .fits files:

**Note**, the WRFITS software prep steps have already been done on both sample files included in this folder. So they are ready to open directly inside WinRoddier Ver.3.

Telescope: TMB 152 Triplet Apo Refractor

Aperture: 152mm

Focal length: 1200mm

Focal ratio: f/8 (WR 3.0 will auto-calculate focal ratio from above two parameters)

Central Obstruction: 0% (refractor)

(CO value is not needed for WR, but will need if exporting data to OpenFringe after using Glenn Jolly's Zernike WR2OF app to convert the Zernikes into the proper OpenFringe format).

Camera Pixel Size in microns: 3.75 microns (camera is QHY-5LII)

Binning: **2x2** \*\*be sure to input the binning value in the WinRoddier Parameters setup screen

In the Preferences/Constants tab of WR 3.0, use both a Reference and Test wavelength of 555nm. (These included test files are in the Green bandwidth which should be close to 555nm).

In the WinRoddier Preferences > Algorithms tab, set "Number of Iterations" to "**7**" for best results with these two included sample .fits files. Use a total of **28** Zernike Polynomials in the setup instead of the default 22.

Thanks,

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