Plate Scale Calculator

| Telescope Focal Length | 2000 | | telescope focal length in millimeters | | |
|------------------------|-------|-------|---------------------------------------|-----------------------|--|
| Camera Pixel Pitch | 2.315 | | camera pixel pitch in microns | | |
| Reducer | 1.0 | | a number such as 0.8 or 0.75 | | |
| | | | | | |
| Binning | 1 | 0.239 | plate scale, in arcseconds per pixel | | |
| | 2 | 0.478 | arcseconds per pixel | 23.4 MB per FITS file | |
| | 3 | 0.716 | arcseconds per pixel | | |
| | 4 | 0.955 | arcseconds per pixel | 5.85 MB per FITS file | |
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