

CFF Plate Scale Calculator

	Inputs	Results	Notes	
Telescope Focal Length	400		telescope focal length in millimeters	
Sensor Pixel Pitch	2.315		sensor pixel pitch in microns	
Reducer	1.0		a number such as 0.8 or 0.75	
Binning	1x1	1.194	plate scale, in arcseconds per pixel	
	2x2	2.388	arcseconds per pixel (actually 0.483?)	23.4 MB per FITS file
Sensor Width	8288		number of pixels in sensor row	
Sensor Height	5644		number of sensor columns	
Full Image Width		164.9	full width in arcminutes	almost 3°
Full Image Height		112.3	full height in arcminutes	almost 2°
"Half" Subframed Image Width		82.4	half width in arcminutes	
"Half" Subframed Image Height		56.1	half height in arcminutes	
"Quarter" Subframed Image Width		41.2	quarter width in arcminutes	
"Quarter" Subframed Image Height		28.1	quarter width in arcminutes	