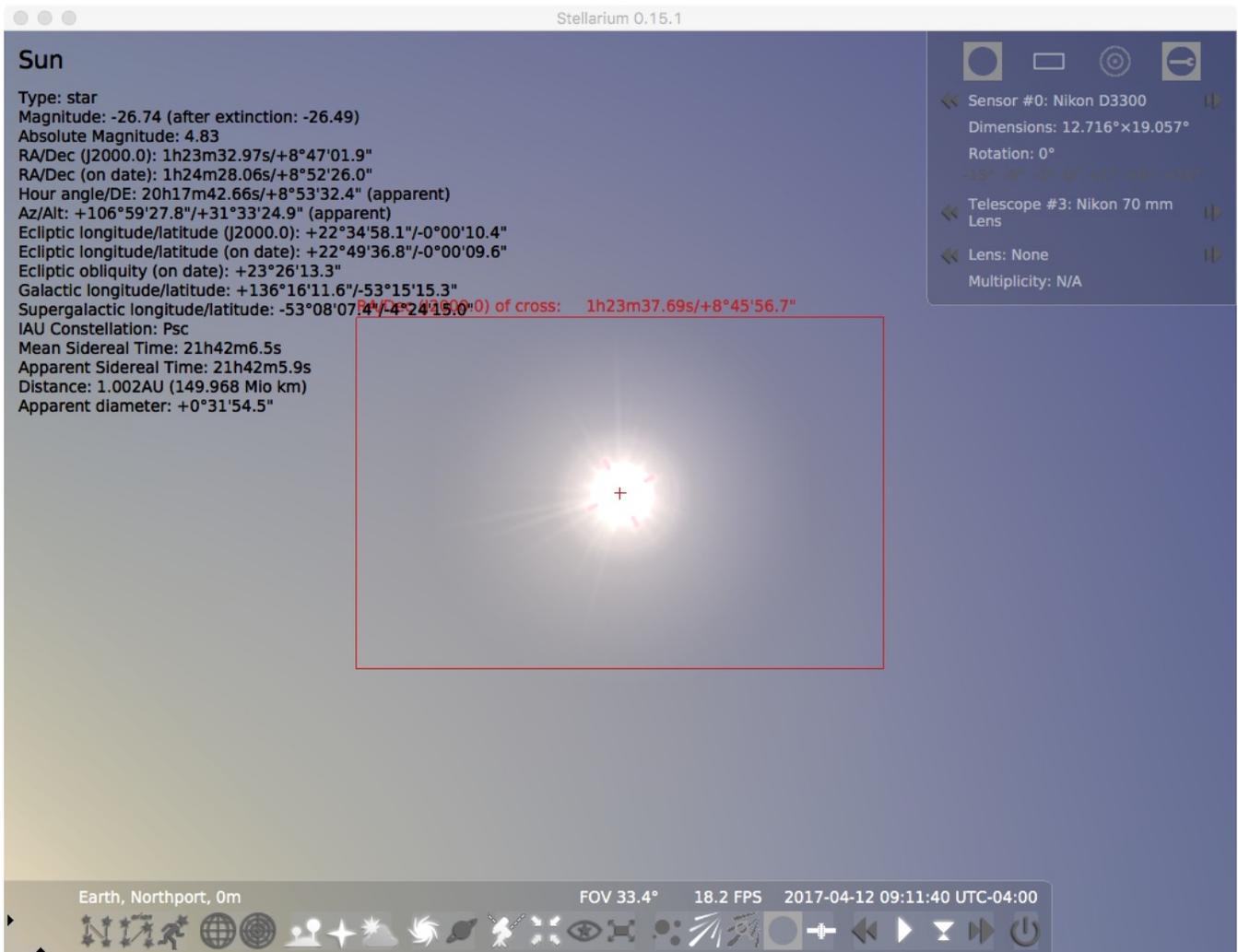


Comparison of Optics for Imaging the 2017 Solar Eclipse

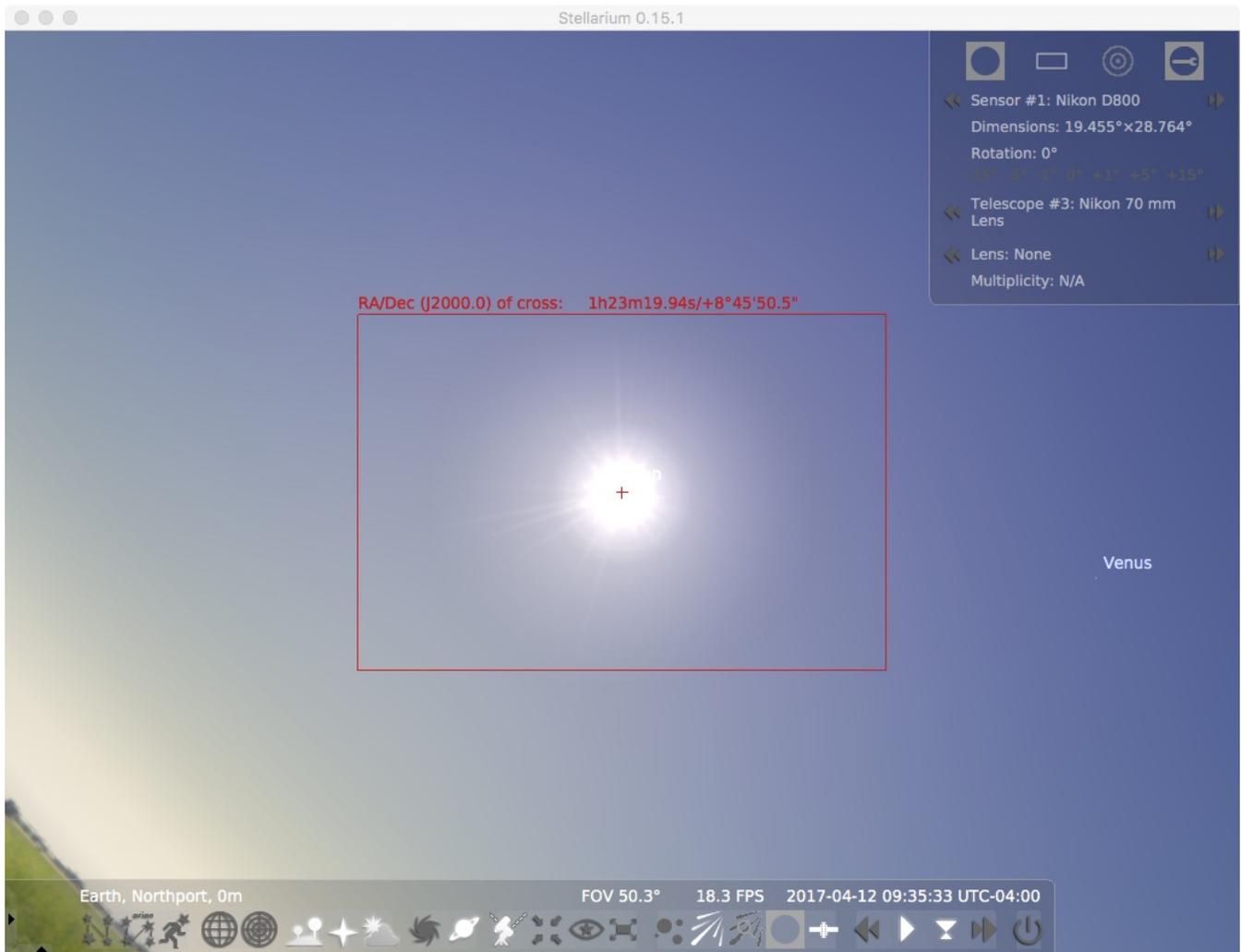
Dr. John A. Allocca
Stallarium Software
Nikon D800 Full Size Sensor DSLR
Nikon D3300 D Size Sensor DSLR
4/12/17



70 mm camera lens on a Nikon D3300 Camera

The field of view is shown within the red rectangle

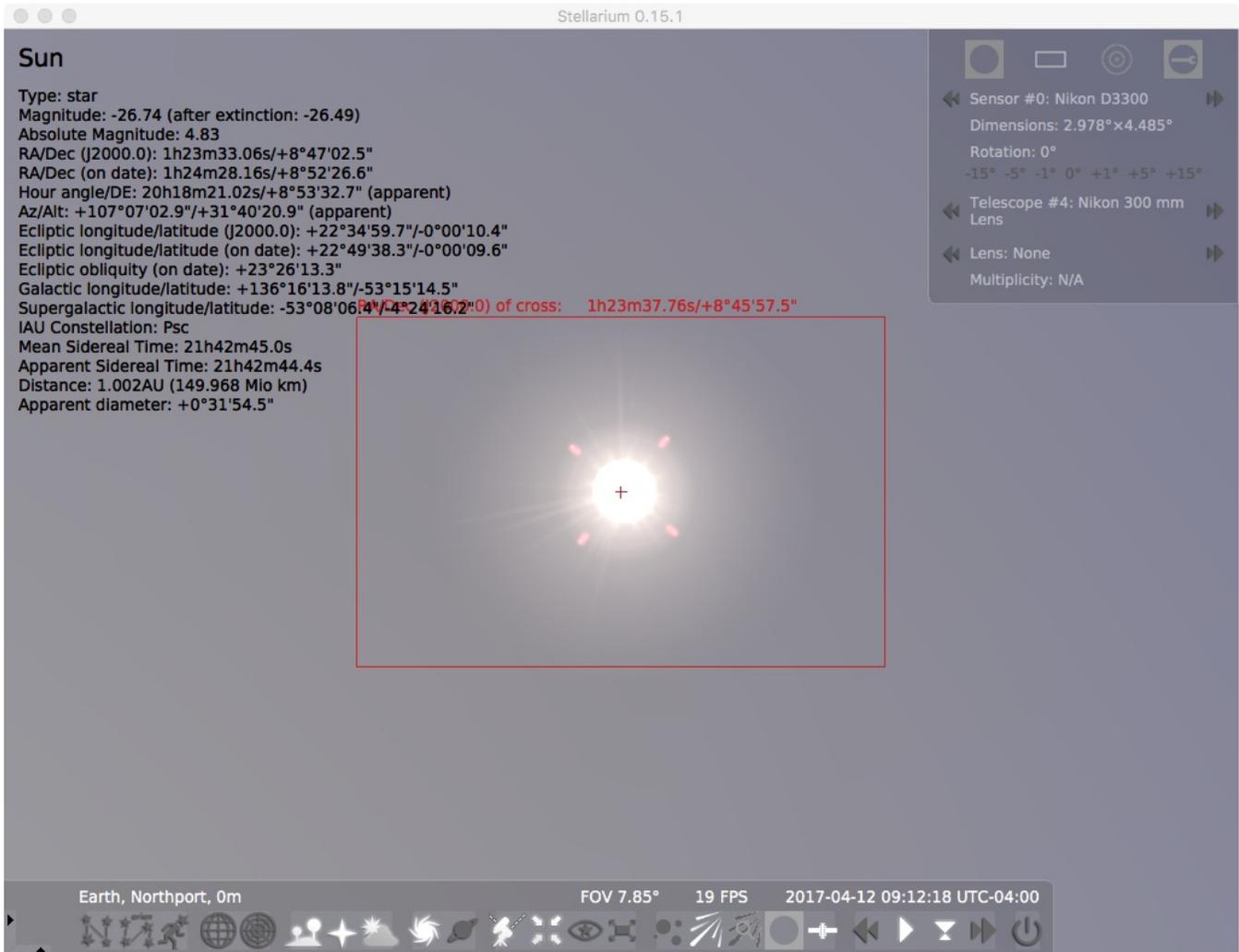
Note: too little magnification to photograph the eclipse and corona



70 mm camera lens on a Nikon D800 Camera

The field of view is shown within the red rectangle

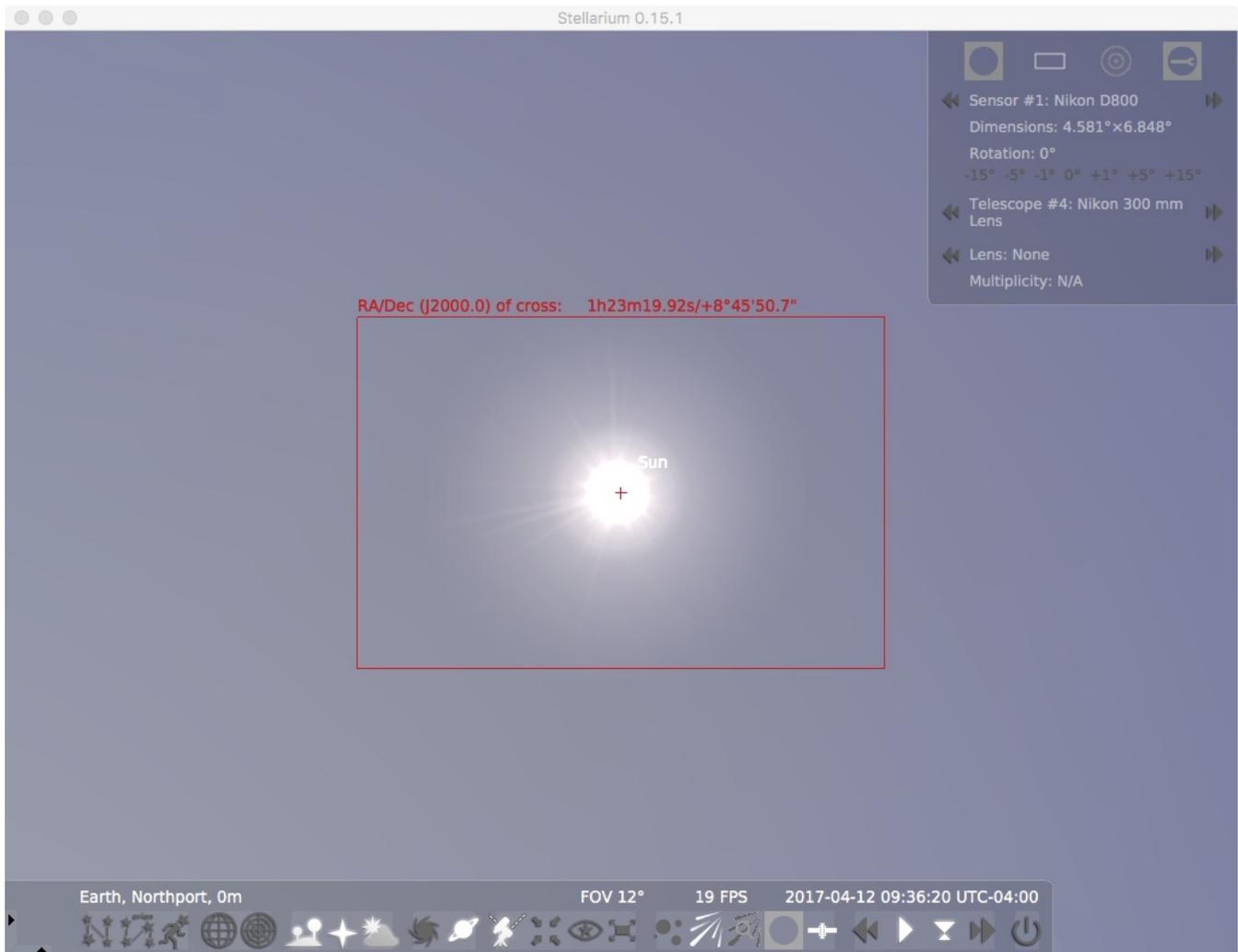
Note: too little magnification to photograph the eclipse and corona



300 mm camera lens on a Nikon D3300 Camera

The field of view is shown within the red rectangle

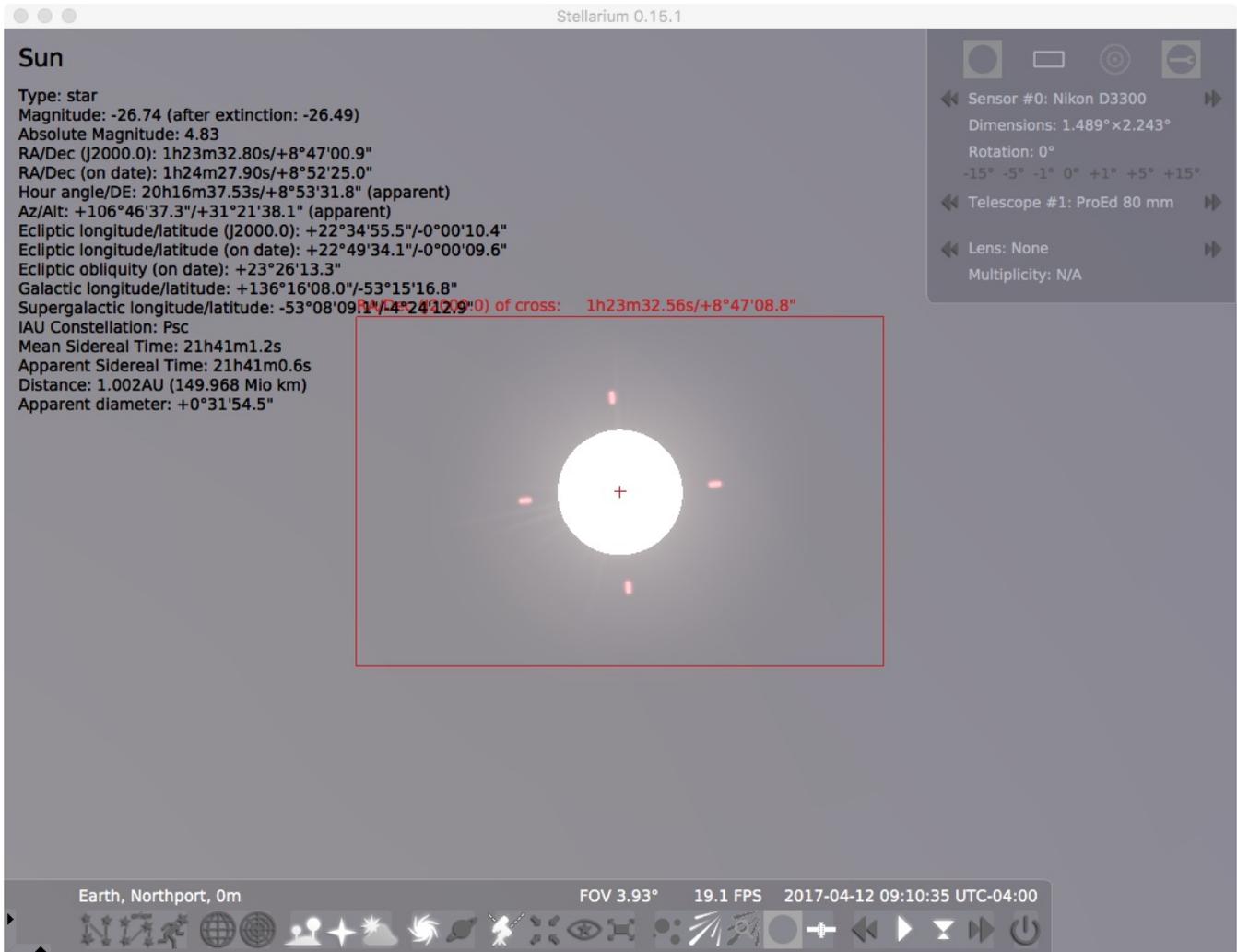
Note: too little magnification to photograph the eclipse and corona



300 mm camera lens on a Nikon D800 Camera

The field of view is shown within the red rectangle

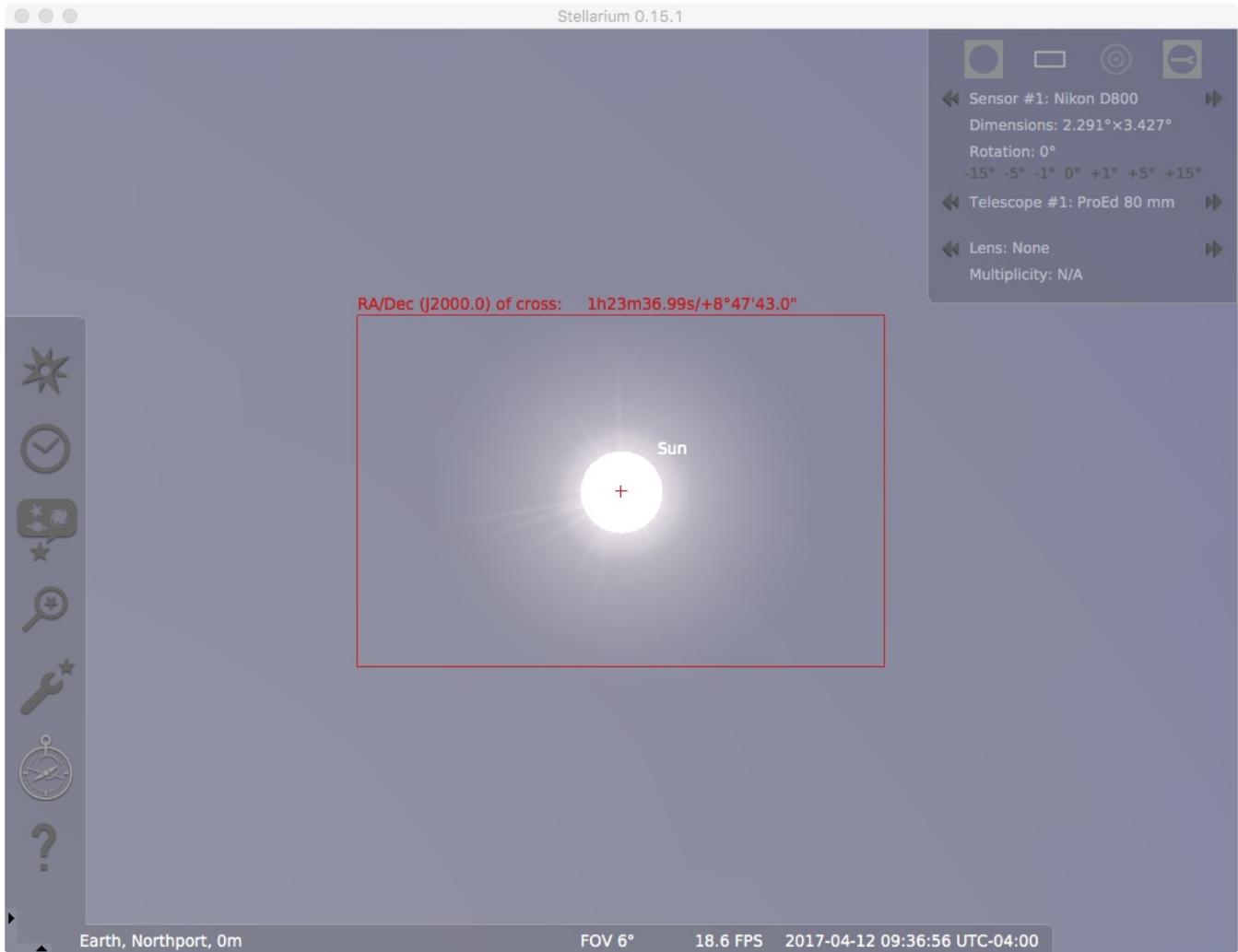
Note: too little magnification to photograph the eclipse and corona



80 mm x 600 mm Refractor Telescope with a Nikon D3300 Camera

The field of view is shown within the red rectangle

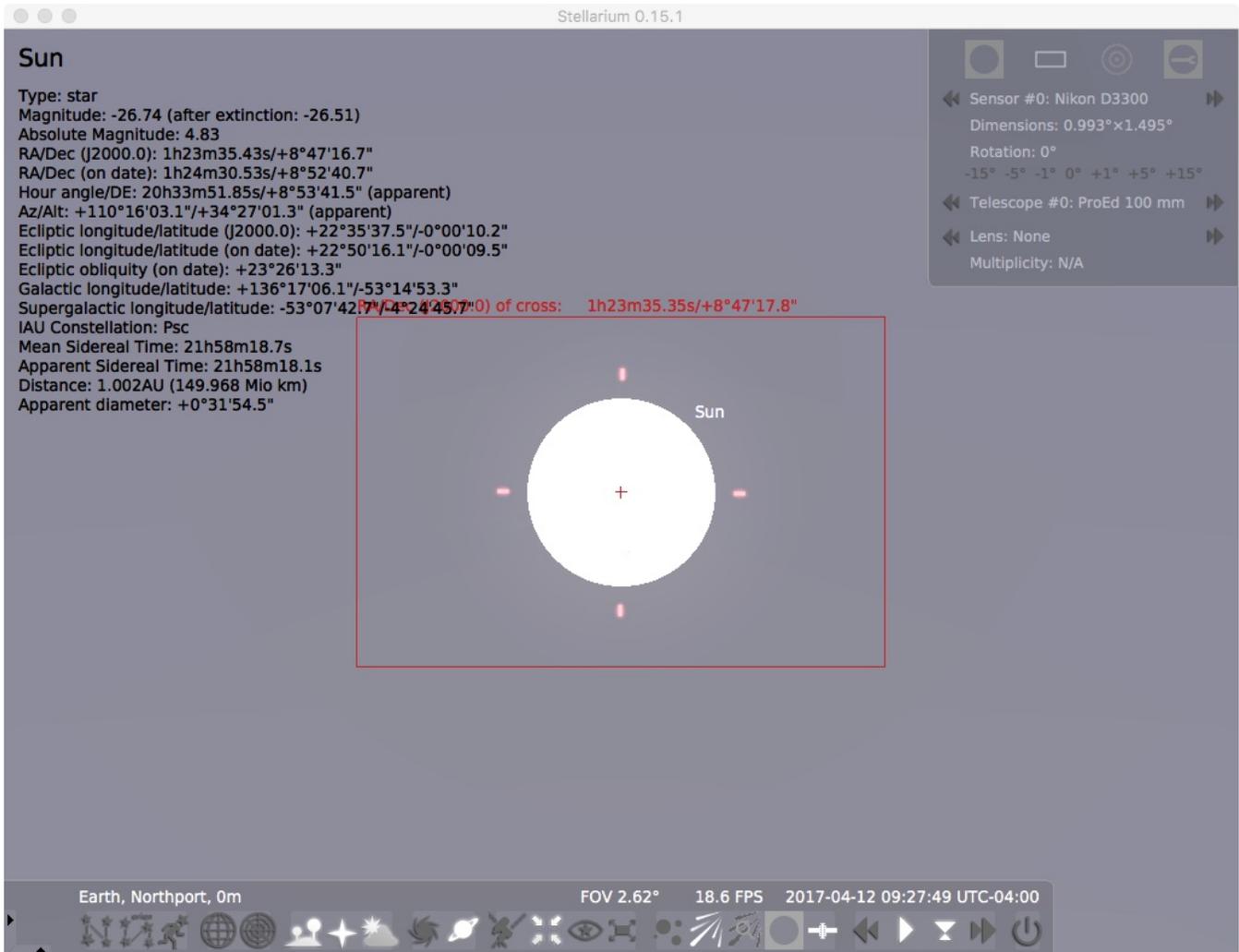
Note: just about the right size to photograph the eclipse and corona



80 mm x 600 mm Refractor Telescope with a Nikon D800 Camera

The field of view is shown within the red rectangle

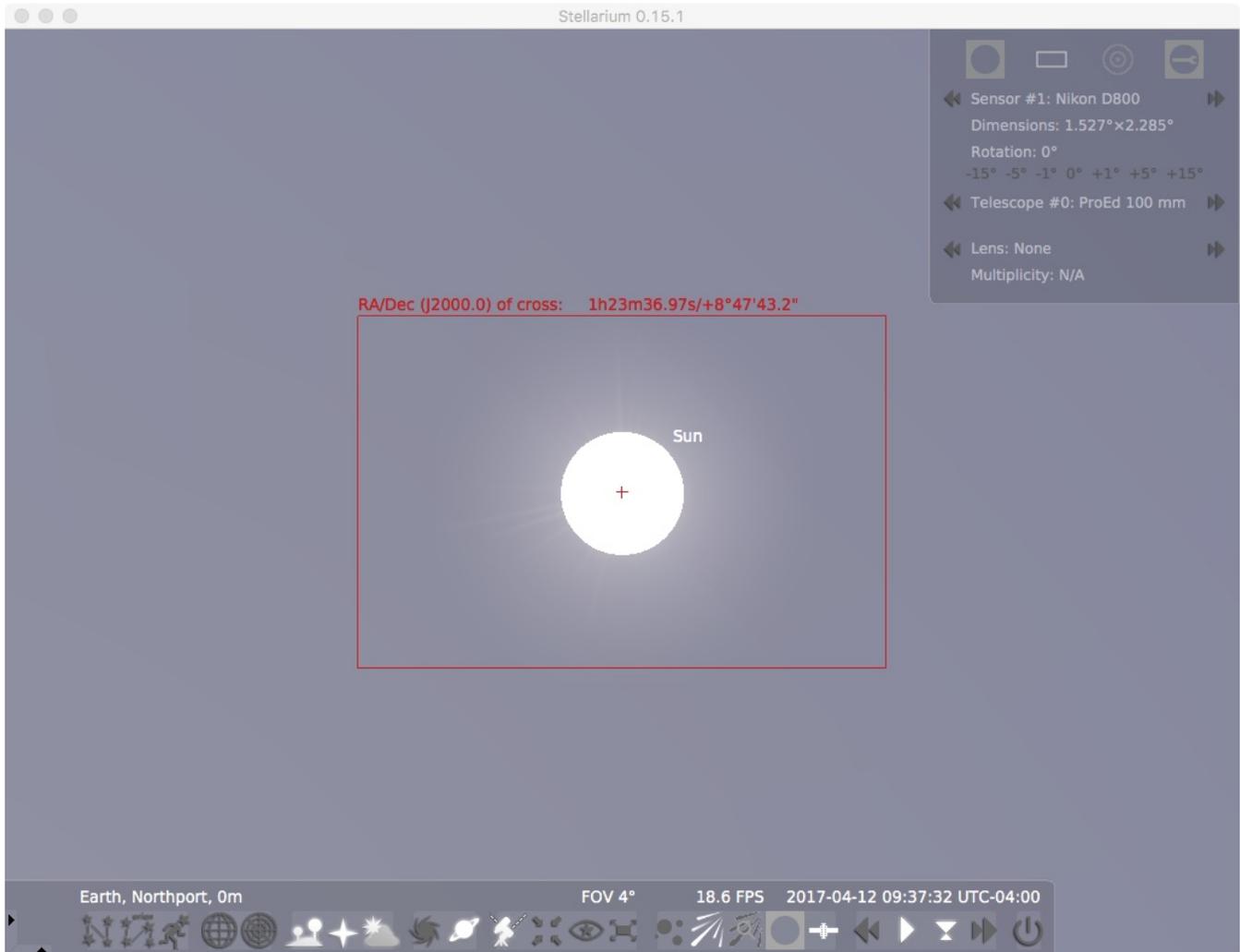
Note: too little magnification to photograph the eclipse and corona



100 mm x 900 mm Refractor Telescope with a Nikon D3300 Camera

The field of view is shown within the red rectangle

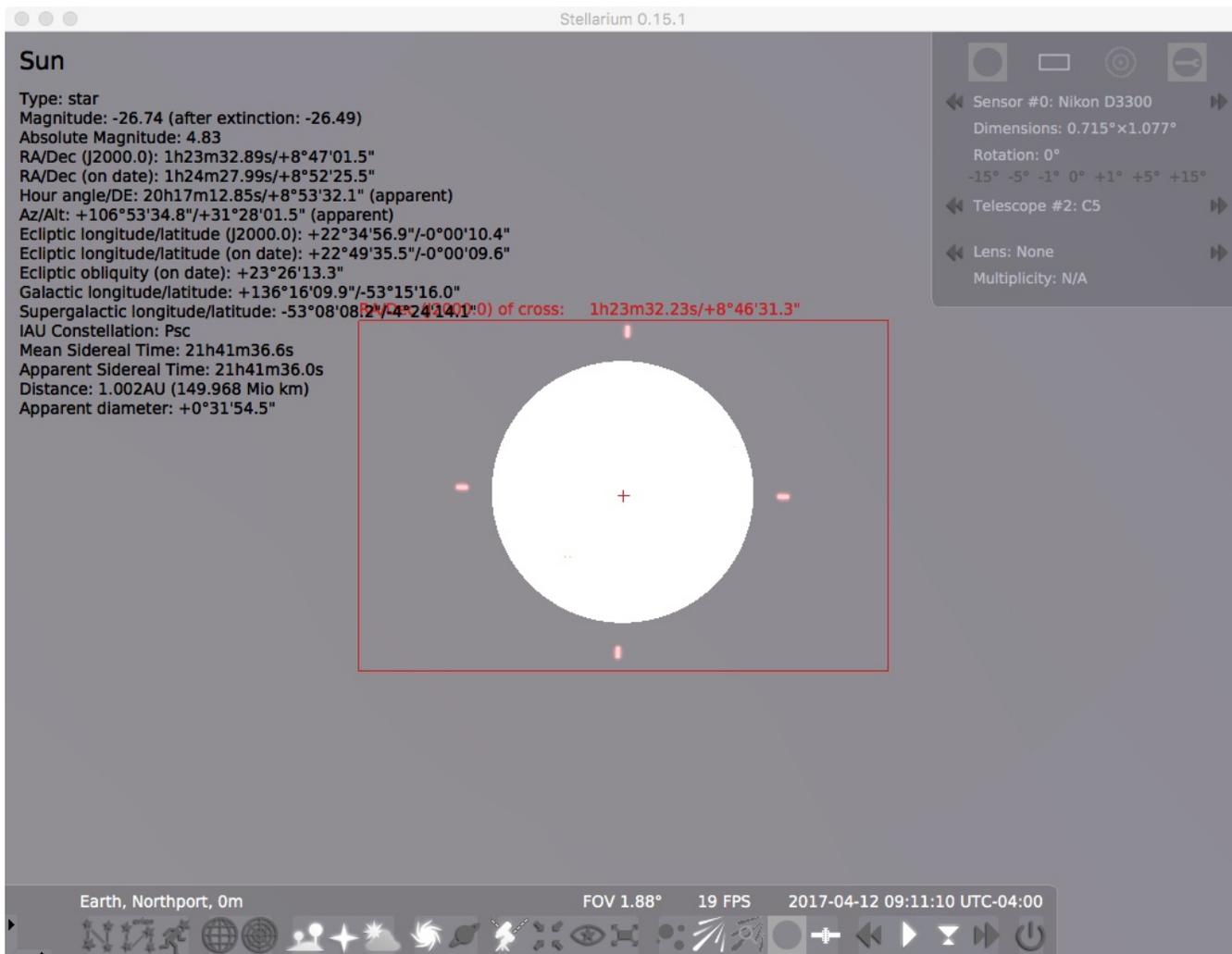
Note: too much magnification for an eclipse and corona



100 mm x 900 mm Refractor Telescope with a Nikon D800 Camera

The field of view is shown within the red rectangle

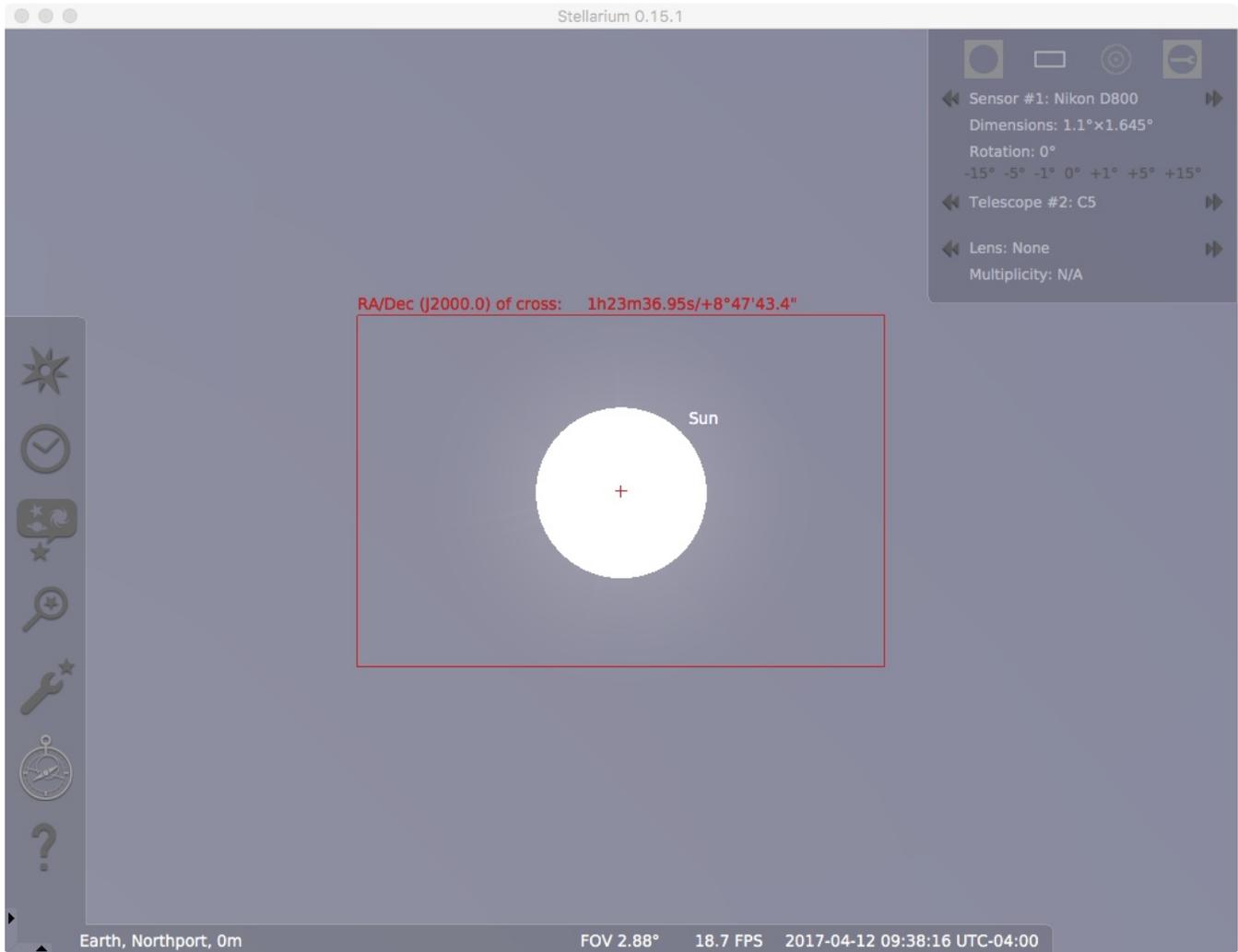
Note: just about the right size to photograph the eclipse and corona



127 mm x 1250 mm SCT Telescope with a Nikon D3300 Camera

The field of view is shown within the red rectangle

Note: too much magnification for an eclipse and corona



127 mm x 1250 mm SCT Telescope with a Nikon D800 Camera

The field of view is shown within the red rectangle

Note: too much magnification for an eclipse and corona