



Clifton Cameras Product Specification

Celestron FirstScope Signature Series Robert Reeves Telescope

Specifications

Optical Tube Info:

Optical Design: Newtonian Reflector

Aperture: 76mm (2.99")

Focal Length: 300mm (12")

Focal Ratio: f/3.95

Focal Length of Eyepiece 1: 20mm (0.79")

Magnification of Eyepiece 1: 15x

Focal Length of Eyepiece 2: 4mm (0.16")

Magnification of Eyepiece 2: 75x

Barlow Lens: Not Included

Finderscope: Not Included

Star Diagonal: Not Included

Optical Tube: plastic

Highest Useful Magnification: 180x

Lowest Useful Magnification: 11x

Limiting Stellar Magnitude: 11.9

Resolution (Rayleigh): 1.83 arc seconds

Resolution (Dawes): 1.53 arc seconds

Light Gathering Power (Compared to human eye): 118x

Software: Celestron Starry Night Basic Edition Software | SkyPortal App



Solar Warning

- Never look directly at the Sun with the naked eye or with an optic (unless you have the proper solar filter). Permanent and irreversible eye damage may result.
- Never use your optic to project an image of the Sun onto any surface. Internal heat build-up can damage the optic and any accessories attached to it.
- Never leave your optic unsupervised. Make sure an adult who is familiar with the correct operating procedures is with your optic at all times, especially when children are present.