

# SPIRAL EXPANDED FIELD PRISM TELESCOPES (FOCUSABLE)

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## GENERAL

The Spiral Expanded Field Prism Telescope (Keplerian Telescope) gives the patient maximum flexibility in its use. With the fields larger than those in the comparably-powered Full Diameter or Bioptic Telescopes, these units are also focusable from true infinity to approximately 10". The patient adjusts the working distance by focusing the objective lens.

For closer than 10", a reading cap must be ordered. The telescopes are available in powers of 2.0X through 8.0X.

All of the Spiral Expanded Field Prism Telescopes have black housings, and weigh a bit more than the comparably-powered Bioptic or Full Diameter Telescopes. These telescopes can be mounted in the center of the carrier lens, in which case they function like the Full Diameter Telescopes, or they can be mounted at the top of the carrier lens, in which case they function like the Bioptic Telescopes. Depending on how one chooses to mount the Telescope, the preceding information on [Full Diameter Telescopes](#) or [Bioptic Telescopes](#) would also apply to this Telescope.

## FITTING

Depending on how the Telescope is mounted, the previous fitting instructions for [Full Diameter Telescopes](#) or [Bioptic Telescopes](#) would apply here as well. The only departures from these instructions are that the Spiral Expanded Field Prism Telescope is only available in a black housing, and that the standard drilling position for the Bioptic design is such that the optical center of the ocular lens is 13 mm below the top of the carrier lens.

## POWERS AVAILABLE

2.0X, 3.0X, 4.0X, 5.0X, 6.0X, 7.0X, 8.0X

Binocular 6.0X  
Expanded Field  
Telescopes,  
Bioptic Position,  
mounted in the  
Yeoman 6 frame

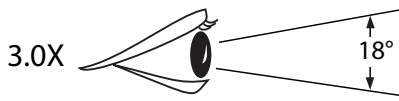


DESIGNS FOR VISION, INC.  
1-800-345-4009

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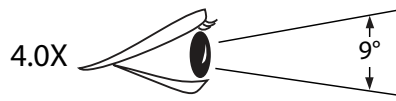
3.0X Spiral Expanded Field Prism Telescope



2.0X  $18^\circ$  Field of View  
3.0X  $14^\circ$  Field of View



4.0X Spiral Expanded Field Prism Telescope



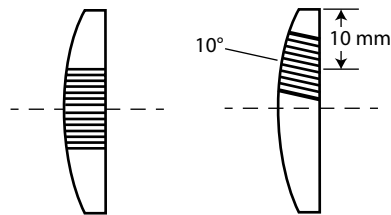
4.0X  $9^\circ$  Field of View  
5.0X  $8^\circ$  Field of View  
6.0X  $6.5^\circ$  Field of View  
7.0X  $5^\circ$  Field of View  
8.0X  $4^\circ$  Field of View



6.0X Spiral Expanded Field Telescope and Reading Cap



Reading Cap on 6.0X Spiral Expanded Field Telescope



Full Diameter

Bioptic

The Focusable Expanded Field Prism Telescope can be positioned in either a Full Diameter (centered) or Bioptic (superior) position



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