



## The NaturalVue® Multifocal Power Profile

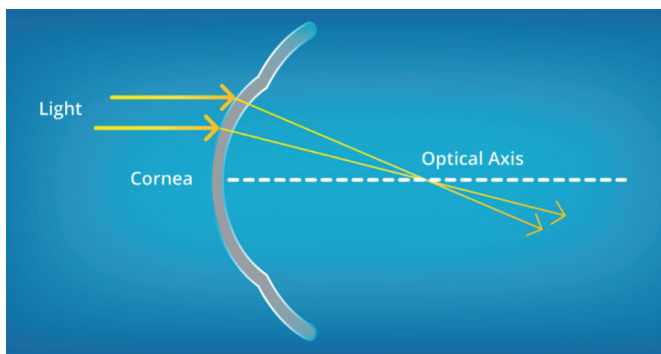
The high levels of uninterrupted plus power progression in NaturalVue® (etafilcon A) Multifocal 1 Day Contact Lenses is key to its clinical performance and is what differentiates the design. Customized wavefront software helps us visualize this unique lens power profile.

### Two definitions of focal powers used to define lens optics: Sagittal and Instantaneous.

Both are useful in creating and describing lens designs but provide different information and are used for different purposes.

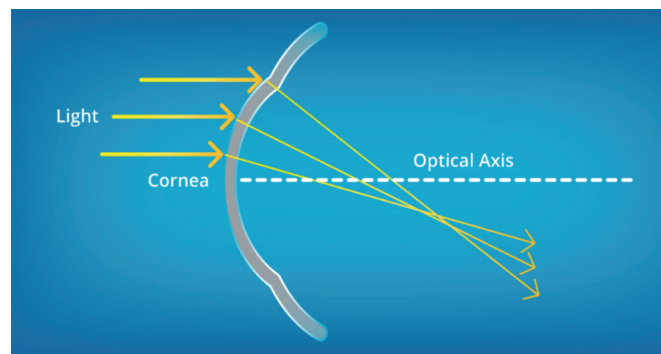
#### Sagittal Power (axial or radial)

- Common output from wavefront sensors
- Describes a wavefront as it intersects the optical axis
- Defined by a normal surface line and its intersection with the optical axis
- A mathematical construct, easily measured
- Represents average power of the surface



#### Instantaneous Power (tangential)

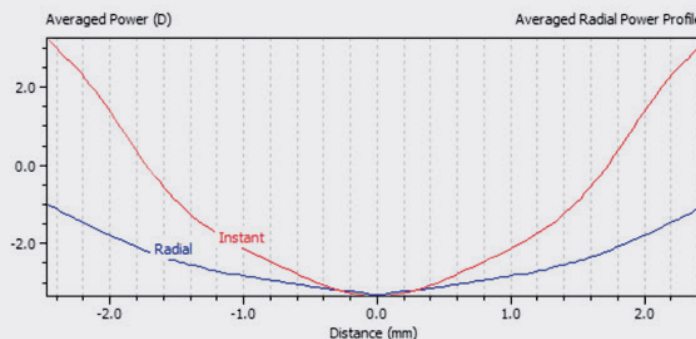
- Describes a wavefront that does not fall exactly on the optical axis, such as aspheric surfaces
- Allows us to assess the "true focus"
- Not measured directly, but calculated from the measured Sagittal power



### The Plot of Instantaneous (Tangential) vs. Sagittal (Axial) Power Profile of the NaturalVue® Multifocal

This graph is a direct output from the NIMO (Lambda-X) wavefront sensor of a -3.00D NaturalVue® Multifocal lens over the central 5mm optic zone.

The Instantaneous profile is shown in red ("Instant") and the Sagittal profile is shown in blue ("Radial").



Corneal topographers may also provide both instantaneous and sagittal outputs.