



## Left eye

 Does not agree closely with your current Rx ( $\geq 0.5$  D difference)


## Right eye

 Agrees closely with your current Rx ( $< 0.5$  D difference)

### Visual exam

Refraction	Exam results	Current Rx
Sphere	-1.36 D	-1.00 D
Cylinder	-0.83 D	0.00 D
Axis	171°	-
Spherical equivalent	-1.77 D	-1.00 D

Keratometry	Exam results	
K1	39.26 D	8.44 mm
Axis (K1)	166°	
K2	39.95 D	8.30 mm
Axis (K2)	76°	
K mean	39.60 D	8.37 mm
Cylinder	-0.68 D	
Axis cylinder	166°	

Pupil size	Exam results
Mean	4.85 mm
Standard deviation	0.23 mm
Maximum	4.39 mm
Minimum	5.08 mm

### Visual exam

Refraction	Exam results	Current Rx
Sphere	-1.24 D	-1.00 D
Cylinder	-0.22 D	0.00 D
Axis	144°	-
Spherical equivalent	-1.35 D	-1.00 D

Keratometry	Exam results	
K1	40.30 D	8.23 mm
Axis (K1)	175°	
K2	41.10 D	8.07 mm
Axis (K2)	85°	
K mean	40.69 D	8.15 mm
Cylinder	-0.80 D	
Axis cylinder	175°	

Pupil size	Exam results
Mean	4.85 mm
Standard deviation	0.02 mm
Maximum	4.81 mm
Minimum	4.86 mm

### Visual acuity simulation

These results simulate your vision without correction, with your current eyeglasses, and with updated eyeglasses based on this exam.

Uncorrected

Current glasses

New glasses

#### Left eye

E

E

E

#### Right eye

E

E

E

## Advanced measurement reports

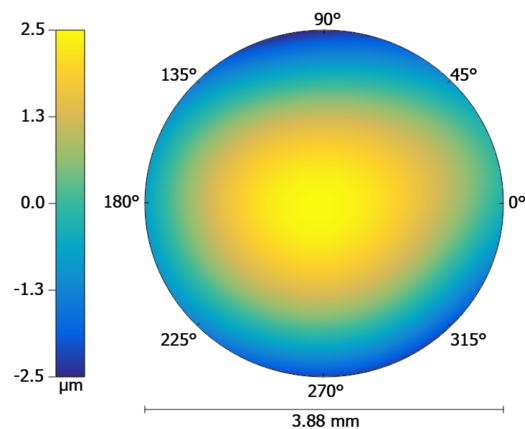
This section provides to you and your eyecare professional detailed information about your vision.

### Wavefront maps

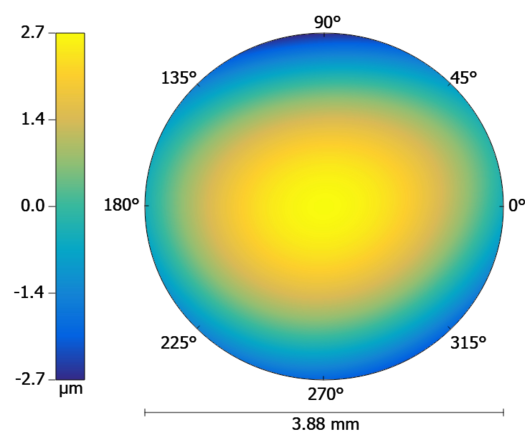
Wavefront reconstruction illustrating deviations between the patient's wavefront and an ideal flat wavefront when all aberrations are considered (low- and high-order) or when either only low- or high-order aberrations are considered.

#### Left eye

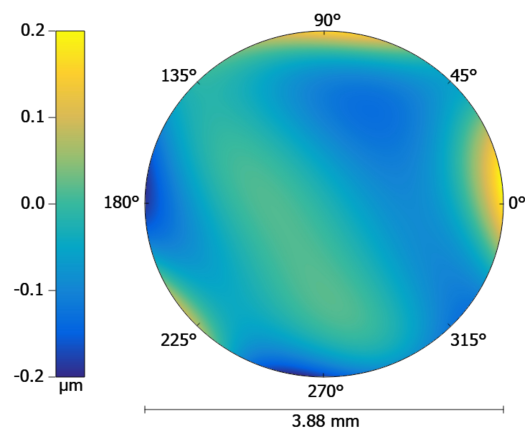
Low- and high-order aberrations



Low-order aberrations

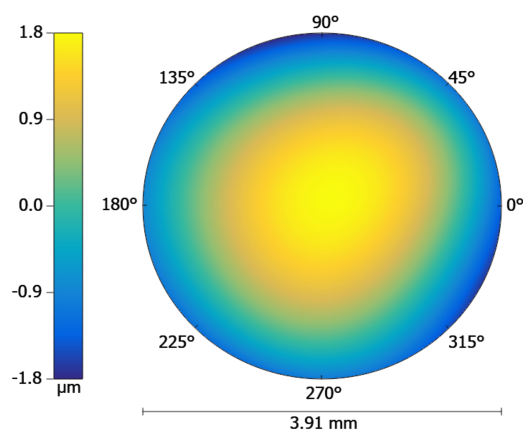


High-order aberrations

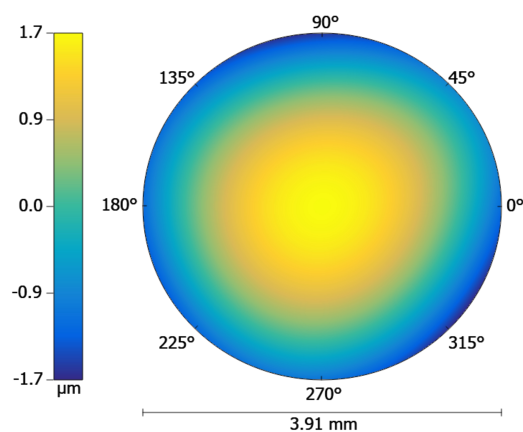


## Right eye

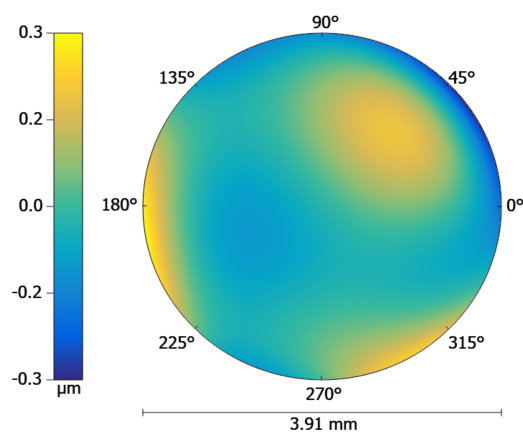
Low- and high-order aberrations



Low-order aberrations



High-order aberrations

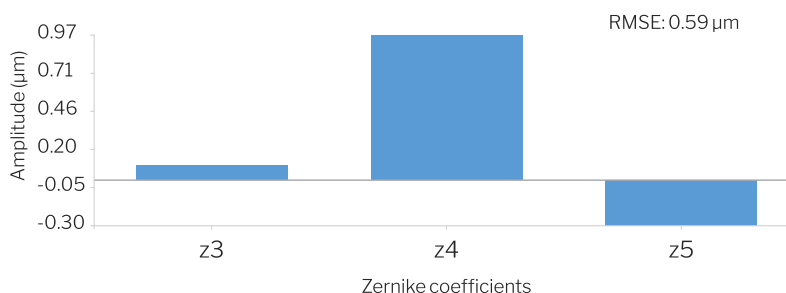


## Zernike coefficients

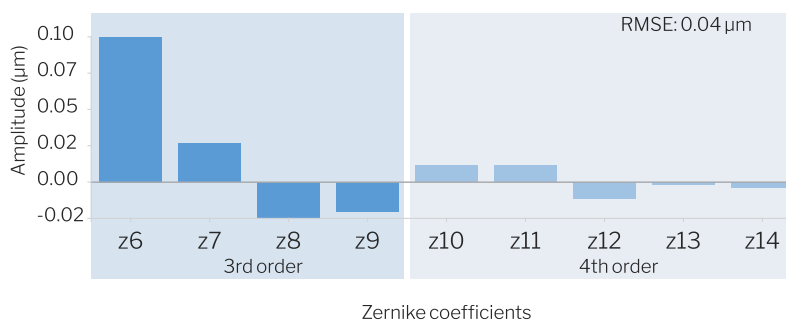
Coefficients in microns applied to the different Zernike Polynomials (up to order 4th) used to reconstruct the patient's wavefront, including both low- and high-order aberrations. Zernike coefficients are scaled for the mean pupil diameter measured during wavefront refraction (left eye = 3.88 mm, right eye = 3.91 mm).

### Left eye

#### Low-order aberrations

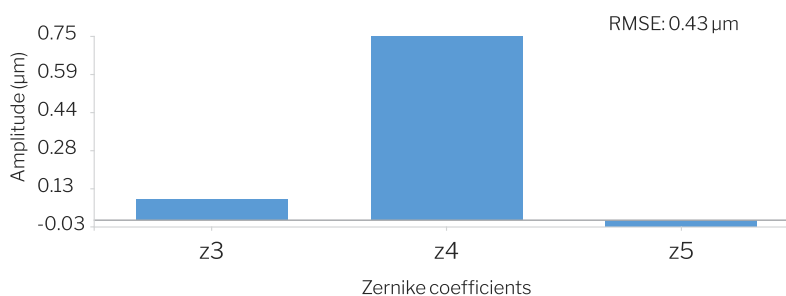


#### High-order aberrations



### Right eye

#### Low-order aberrations



#### High-order aberrations

