

Basis Z

hydrophilic • progressive



Q functional

ONV functions*

IOL functions

Distant function

Basis function

Near-intermediate function

Progressive function

Protective function

Blue filter function

Mesopic function

Aspherical function

Features

One piece, foldable intraocular lens (IOL), hydrophilic acrylic (25% water content) with hydrophobic surface, Z-haptic.

360° Cell Barrier

▶ Optimized Protection against PCO

UV Filter

▶ Retina Protection

Addition

▶ +3.5 D

A-constant: 118.9 (SRK/T)

Haigis-constants: $a_0 = 1.243$; $a_1 = 0.400$; $a_2 = 0.100$

Optical power:



Basis Z progressive	Sph.	Steps	Addition
S1EWYN	0.0 D to +9.0 D	1.0 D	+3.5 D
B1EWYN	+10.0 D to +30.0 D	0.5 D	+3.5 D
S1EWYN	+31.0 D to +35.0 D	1.0 D	+3.5 D

*ONV functions: The five functions of the human eye which are required to achieve optimal natural vision (ONV) (see rear page)