



SINGLE VISION PERFECTED

BY HOYA
FREE-FORM™
TECHNOLOGY

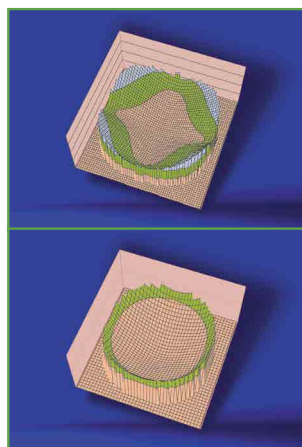
iD SingleVision®

Lens design should begin with the human eye as the starting place for all lens evaluation and development. Traditional aspheric lens designs have been based on theoretical optical design, with little consideration for all of the elements related to actual vision.

iD SingleVision™ lenses factor in to account physiological functions like eyeball rotation in the overall design calculation.

HOYA FREE-FORM BI-ASPHERIC SINGLE VISION DESIGN TECHNOLOGY

Using HOYA's patented Integrated Double Surface Design Technology iD SingleVision combines a proprietary aspheric front surface single vision lenses with HOYA Free-Form™ custom back surface for perfected optical performance with clear, precise vision edge to edge. The design of iD SingleVision takes into account how wearers actually see, resulting in perfected vision in all directions, especially along the oblique axis.



TRADITIONAL ASPHERIC DESIGN

iD SINGLE VISION BI-ASPHERIC DESIGN

VISUAL OPTIMIZATION FOR ALL POWERS

With traditional, mass-produced lenses, the design is optimized for one “target” power per base curve – even finished stock atoric designs. Prescriptions outside of this “target” experience a lessening of visual acuity and performance.

iD SingleVision HOYA Free-Form technology benefits:

- Aspheric and atoric curves are applied to the back side of an aspheric lens design to create the HOYA Bi-Aspheric iD SingleVision with perfected optical performance.
- All prescriptions are optimized within each base curve.
- Lenses are uniquely designed according to the ordered prescription and frame measurement.



**iD SINGLE VISION
IS AVAILABLE IN
MATERIALS EYAS™ 1.60
AND EYNOA™ 1.67**

CALCULATED VISUAL ACUITY

Calculated Visual Acuity optimization examines every point on the lens and corrects the design to provide:



SPHERICAL DESIGN



**TRADITIONAL
ASPHERIC DESIGN**



**iD SINGLE VISION
BI-ASPHERIC DESIGN**

- Higher visual performance in all directions of sight
- Wider, clearer visual field anywhere you look

PERFECT VISION FROM EDGE TO EDGE

iD SingleVision, the bi-aspheric single vision lens made possible through HOYA Free-Form design technology, delivers:



TRADITIONAL ASPHERIC DESIGN

iD SINGLE VISION BI-ASPHERIC DESIGN

- Clear, precise vision from edge to edge
- Calculated visual acuity at every point on the lens
- Visual optimization for all powers
- Ideal combination of performance and cosmetics

Discover why HOYA is the best choice for your practice, your patients, and the future of Independent Optometry, at ecpALLY.com

