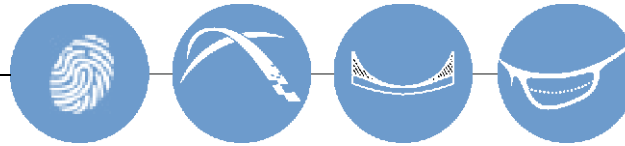


Nova Single Vision Freeform

the most versatile
design for
Single Vision
Free Form Lenses

 Powered By
DIGITAL RAY-PATH

Nova Single Vision



Nova's Advanced Single Vision takes advantage of our in-depth knowledge in personalized ophthalmic lens design to reach the highest performance also for Single Vision lenses. The new Nova design has been engineered with capacity to produce any type of Single Vision free-form lens, no matter the frame, material, base curve or prescription.

Not only standard prescriptions to be mounted in common frames can be produced with this design, Nova Single Vision is also a high performance design for complicated jobs such as high prescriptions or lenses optimized for wrap frames. Thanks to Digital Ray-Path each pair of Single Vision lenses are able to be calculated entering the real personalization parameters or, when this data is not provided, to be calculated using default values for these parameters.

Maximum performance can be only reached if having all the real personalization parameters, but for frames without pronounced wrap angles the quality reached using default values will be close to the maximum one.



Vertex distance	✓
Near working distance	✓
Pantoscopic angle	✓
Wrapping angle	✓
IPD	✓
SEGHT	✓
HBOX	✓
VBOX	✓

Available in;

1.50-Clear, Transitions, Polarized, Drivewear
 1.53-Clear, Transitions, Polarized, fixed tint
 1.58-Clear
 1.59-Clear, Transitions, Polarized
 1.60-Clear, Transitions, Polarized
 1.67-Clear, Transitions, Polarized
 1.70-Clear
 1.74-Clear, Transitions

Product range;

-12.00 to +6.50 up to a 6.00 cyl

- some limitations may occur, please check with your local Nova lab

Advantages

- ◊ Total personalization
- ◊ Maximum optical quality for any prescription
- ◊ Compatible with any material and base curve
- ◊ Thinner and lighter lenses
- ◊ High precision and high personalization due to Digital Ray-Path technology
- ◊ Clear vision in every gaze direction
- ◊ Oblique astigmatism reduced
- ◊ Possibility to input the frame shape for accurate optimization
- ◊ Frame shape optimization available

Calgary 1-403-272-2007

Red Deer 1-403-346-0999

Lethbridge 1-403-329-0041

Manufactured in Calgary, Canada

NOVA SINGLE VISION FREEFORM



High Definition in all gaze directions, Also for high prescriptions

The graph to the right shows the importance of oblique errors for a single vision lens of -4.00 diopters, for a higher prescription the oblique errors are even higher. The horizontal axis represents the distance from pupil cross to the part of the lens which is being used when looking in gaze directions. The Nova Single Vision lens for high prescription is 76% more stable than for a conventional lens.

Conventional Single Vision lenses for high prescriptions have the weakness of losing visual clarity when looking in lateral directions. This inconvenience is caused by oblique astigmatism, and its correction is essential for providing clarity and comfort. With Nova Single Vision design people with high prescription will notice a notably improvement.

