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## iZon® High Resolution Lenses FAQs Consumers

**Q. How can iZon® High Resolution Lenses improve the quality of my vision while other lenses cannot?**

**A.** Like fingerprints, no two eyes are exactly alike. Even your left eye is different from your right. iZon Lenses are the first eyeglass lenses that are custom-made to your own iPrint™. They take into consideration the microscopic irregularities of your eyes that can impact how light passes through your eyes, and therefore, how well you can see. iZon High Resolution Lenses are designed to take into account these microscopic irregularities called high order aberrations.

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**Q. What is the difference between wavefront-guided iZon Lenses and other wavefront lenses I have heard about?**

**A.** Wavefront-guided iZon Lenses are the only eyeglass lenses that address the vision problems associated with the higher order and lower order aberrations of the eye. Higher order aberrations of the eye oftentimes cause a lack of crispness and clarity of vision. iZon Lenses are based on both high order and low order measurements, making them the only High Resolution Lenses.

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**Q. What do you mean by High-Definition vision?**

**A.** Just as we have seen a dramatic improvement in the picture quality of TV through High-Definition technology, iZon High Resolution Lenses now offer you High-Definition vision. This means you will see the world clearer, sharper, more vivid and with greater depth and dimension than was ever before possible.

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**Q. Will I have to adjust to iZon Lenses and seeing things in High-Definition?**

**A.** Most patients immediately notice a difference, for some there will be a brief adaptation period. Your vision will not appear distorted. Objects will appear clearer, sharper and with greater depth and dimension than before.

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**Q. What if I can't see well through my iZon Lenses or I'm not happy with them?**

**A.** Ophthonix works closely with the prescribing practitioner to ensure patients are fully satisfied with the iZon Lenses.

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**Q. Are iZon High Resolution Lenses available in glasses as well as contact lenses?**

**A.** Currently iZon Lenses are available for single vision spectacle lenses for the correction of myopia (nearsightedness), hyperopia (farsightedness) and mild astigmatism and in Progressive Addition Spectacle Lenses (multi-focal).

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**Q. Are iZon High Resolution Lenses right for me?**

**A.** Whether you wear glasses as your primary form of vision correction or are a contact lens wearer who occasionally wears glasses, these phenomenal Lenses can improve your vision over conventional lenses both day and night. iZon High Resolution Lenses currently are available for the correction of myopia (nearsightedness), hyperopia (farsightedness) and mild astigmatism and in a Progressive Addition Lens (PAL) for the correction of presbyopia (the inability to focus on items close up, which usually begins to affect people around age 40). Your eye care practitioner will work closely with you during a full exam to determine if the iZon Lenses are right for you.

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**Q. Do iZon High Resolution Lenses look different than regular eyeglass lenses? Are they thicker?**

**A.** No. iZon Lenses are thin and lightweight, just like any of the other top selling brands on the market today. You won't be able to tell the difference between iZon High Resolution Lenses and traditional lenses just by looking at them. They are also UV blocking, and include the following premium coatings: index-matched scratch-resistant, anti-reflective and super-hydrophobic.



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Q. Will I be limited in my frame selection?

A. No. iZon® Lenses fit most contemporary frame types and styles.

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Q. Because they are custom lenses, will they be more expensive?

A. Pricing on the iZon Lenses varies by location. A modest premium in price may be charged owing to the superior performance of the iZon Lens.

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Q. Can I get iZon Lenses in sunglasses?

A. iZon sunglasses are in development.

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Q. I have had LASIK or PRK surgery in the past, and I notice that my vision is not as sharp or as clear as I would like. Can iZon Lenses help me?

A. iZon Lenses do improve the overall quality of vision because wearers will see objects more sharply and clearly. We do have case examples of post-refractive surgery patients who have benefited from iZon High Resolution Lenses. However, no formal clinical study has been conducted with this patient base. Your eye care practitioner will be able to best advise you based on your particular situation.

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Q. Will my vision care plan cover these new lenses?

A. Some vision plans will cover a portion of the cost of iZon Lenses because it is a specialty lens that can only be produced with the Ophthonix customization process. Please check with your eye care practitioner or vision plan administrator.

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Q. Where can I find iZon High Resolution Lenses?

A. iZon Lenses are currently available throughout the US and in several European countries. We are adding more practitioners all the time. Please check back to find an eye care practitioner prescribing iZon Lenses in your area.

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### NIGHTTIME DRIVING

Q. Why do iZon High Resolution Lenses allow wearers to see better when driving at night?

A. iZon Lenses are the only lenses that address the vision problems caused by the unique aberrations of the eye. These vision problems can include glare, starbursts, halos and other light distortions.

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Q. Are the lenses as effective during the day as they are at night?

A. Absolutely. iZon High Resolution Lenses give wearers High-Definition vision, day and night. Wearers say their vision is sharper, clearer and more vivid, and they see with greater depth and dimension both during the day and at night.

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Q. What kind of improvement in nighttime driving do iZon Lenses provide?

A. In nighttime driving tests using an FDA-validated simulator, iZon Lens wearers driving 55 MPH under glare conditions were able to detect, recognize and react to a potential hazard on average 20 feet sooner than those wearing conventional glasses.



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WAVEFRONT-GUIDED  
TECHNOLOGY/  
THE EYE EXAM/  
YOUR PRESCRIPTION

**Q.** Does the examination for customized iZon® Lenses take longer?

**A.** No. The exam only takes about one minute. Using the Z-View® Aberrometer, your eye care practitioner uses the latest wavefront-guided technology from Ophthonix to measure the microscopic irregularities of your eyes which are included in the iPrint™ (optical fingerprint). With the careful skill of your eye care practitioner, the Z-View Aberrometer can conduct a fully automated and highly precise measurement in approximately one minute.

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**Q.** Will the prescription for iZon High Resolution Lenses eliminate the sphere, cylinder and axis measurements my eye care practitioner currently takes?

**A.** No, the traditional refractive measurements—sphere, cylinder and axis—are still an integral part of your prescription. But, beyond that, customized iZon Lenses are driven by the iPrint resulting in a dramatic improvement in the quality of your vision.

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**Q.** What is wavefront technology?

**A.** Wavefront technology was originally utilized in the field of astronomy to aid in reducing aberrations or imperfections in the multiple lenses of telescopes, including the Hubble Telescope. With similar technologies developed out of the government's Star Wars program, the Ophthonix Z-View Aberrometer provides an accurate assessment of the optical imperfections found in the entire eye's optical system.

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**Q.** Exactly how does the Z-View Aberrometer "map" my eye? Will I feel anything during my exam?

**A.** The Z-View Aberrometer sends a safe, painless, invisible, low-power light beam onto the retina of the eye. The beam is reflected back out of the eye and is analyzed. Your very own iPrint is created from this analysis, showing your eye care practitioner the unique aberrations of the eye that can have an impact on the quality of your vision.