

The driving lens that takes you places

As roads become congested and we spend an increasing amount of time behind the wheel, our eyes are taking the strain. EnRoute lenses are specifically designed for motorists, whilst also being perfect for everyday wear.

Enjoy the ride with EnRoute

EnRoute lenses minimise the stress on the visual system for motorists and provide a more relaxed driving experience. Combining a premium single vision or progressive lens design with a specially developed Glare Filter and an optional contrast-enhancing filter, EnRoute lenses offer:

- Significant reduction of reflections and uncomfortable glare from oncoming traffic
- Improved contrast and brightness perception in low-light conditions, fog and rain
- Clear, unimpaired vision in the far distance, of the dashboard, and in mirrors
- Smooth, fast switching of focus between distances
- Perfect for everyday wear
- EnRoute Pro - developed specially for professional drivers

Visual demands while driving

Hoya consultation data shows that driving is one of the most important activities in our daily lives.¹ It is also one of the most demanding when it comes to the visual system. Our eyes are required to process huge amounts of visual data and to shift viewing focus quickly and often.

And that's just the start. Fog, heavy rainfall, snow and sunlight can all compromise vision. Driving in low light or at night poses a challenge for many people. It is easy to be distracted by bright lights and glare. The increased luminance of modern LED and Xenon headlights is especially dazzling.

Depth perception, the ability to distinguish colour and peripheral vision are all decreased. The blue light emitted by on-board equipment further reduces visual acuity.

However, there is a more important consideration: 90% of a driver's reaction time depends on vision, so impaired vision means slower reaction times. On the road, the situation can change instantly, becoming dangerous in the blink of an eye without the correct eyewear^{2,3}.

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Comfort and confidence on the road

Research⁴ indicates that one of the reasons why consumers visit their optometrist is because they experience less visual comfort in their daily activities, such as driving. As their confidence declines, many motorists feel insecure and concerned about losing their independence.

EnRoute is the perfect solution. Developed to meet the visual demands of today's drivers, EnRoute lenses are equipped with a specially developed Glare Filter. This specifically cuts light in the blue spectrum,

significantly reducing light scatter and distracting glare from the dashboard, streetlights and LED and Xenon headlights of oncoming traffic. At the same time, it enhances the transmittance of necessary light, improving contrast and brightness perception, even in poor light and bad weather. The result is more comfortable, relaxed vision even in stressful driving situations.

What's more, the anti-reflection treatment has scratch resistance and water, dust and dirt repelling properties.

EnRoute is the solution



Enhanced vision when and where it matters

Most driving time is spent looking ahead, which requires wide, clear visual fields. But our eyes also have to shift quickly between different viewing distances with minimal head movements: from the road to the navigation device, from the mirrors to the dashboard. Focusing and refocusing can be especially challenging for older drivers.

EnRoute is available in single vision (standard and Pro) and multifocal (standard and Pro) designs. The specialist designs offer clear, unimpaired vision in the far distance, of the dashboard and in mirrors. EnRoute progressive lenses incorporate Hoya's renowned technologies: Integrated Double Surface Design for wider visual fields and fast switching between distances, and Balanced View Control for stable image perception in dynamic driving situations.

EnRoute Pro

For the real road professionals

Hoya has developed EnRoute Pro for professional drivers. It's the perfect lens for anybody who spends a lot of their time driving such as Uber, taxi, courier, bus, truck and train drivers; and sales representatives. It offers all of the benefits of EnRoute and adds:

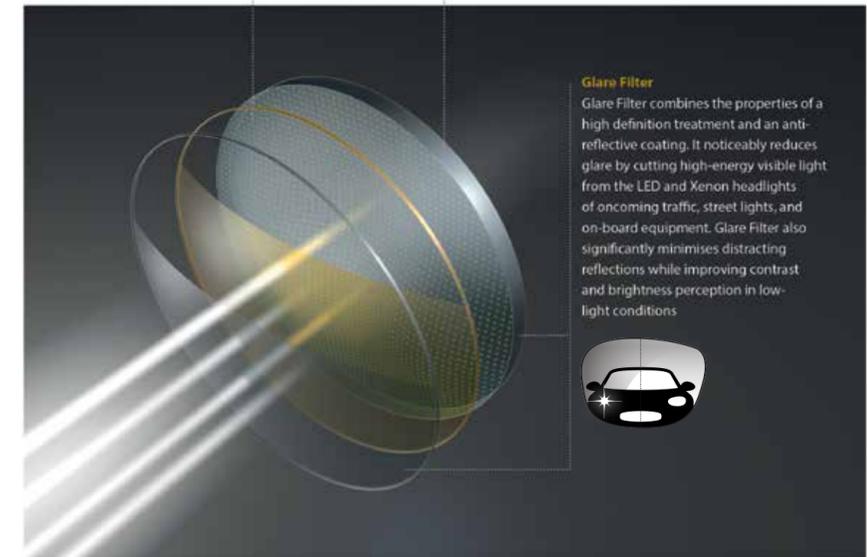
- **A contrast-enhancing filter** for improved contrast and colour perception, and even better glare reduction
- **A lens design** that is further optimised for the viewing distance to the dashboard and mirrors, and includes optional tailoring to the individual wearing conditions, for a natural, relaxed driving posture⁵



EnRoute in detail

Contrast-enhancing filter*: This filter greatly improves contrast and colour perception and offers next level glare reduction.
* This filter is available on EnRoute Pro only

EnRoute dedicated progressive lens designs: Featuring Integrated Double Surface Technology and Balanced View Control for stable image perception, clear vision at the far distance, the dashboard and in mirrors and easy switching between them. In addition, EnRoute Pro can be tailored to the individual wearing conditions.



Glare Filter
Glare Filter combines the properties of a high definition treatment and an anti-reflective coating. It noticeably reduces glare by cutting high-energy visible light from the LED and Xenon headlights of oncoming traffic, street lights, and on-board equipment. Glare Filter also significantly minimises distracting reflections while improving contrast and brightness perception in low-light conditions

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Progressive Features

	EnRoute	EnRoute Pro
Glare Filter™ - Significant reduction of reflections and glare	✓	✓
Improved vision in the far distance, of the dashboard and in mirrors	✓	✓
Integrated Double Surface Design - Wide, clear visual fields - Easy switching from far to near	✓	✓
Balanced View Control - Stable image perception while moving	✓	✓
Contrast-enhancing filter - Better contrast and colour perception - Next-level glare reduction		✓
Tailored to the individual's wearing parameters		✓

Single Vision Features

	EnRoute	EnRoute Pro
Glare Filter™ - Significant reduction of reflections and glare	✓	✓
Improved vision in the far distance, of the dashboard and in mirrors	✓	✓
Contrast-enhancing filter - Better contrast and colour perception - Next-level glare reduction		✓

See the difference

Day



Night



All images shown are for illustration purposes only. Actual visual experience may vary due to weather conditions, optometric conditions and/or wearing conditions of the spectacles.

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The driving lens that takes you places

- Significant reduction of reflections and uncomfortable glare from oncoming traffic with Glare Filter
- Improved contrast and brightness perception in low-light conditions, fog and rain
- Clear, unimpaired vision in the far distance, of the dashboard, and in mirrors
- Smooth, fast switching of focus between distances
- Available as single vision and progressive designs
- Perfect for everyday wear
- EnRoute Pro - developed specially for professional drivers

Progressive

Index	Design	Range	Tint	Coating	Addition
1.6	EnRoute	-10.00 to +6.00, max. cyl. -6.00		Glare Filter Coating	0.75 to 3.50
	EnRoute Pro		Contrast Enhancer		
1.67	EnRoute	-12.00 to +6.00, max. cyl. -6.00		Glare Filter Coating	0.75 to 3.50
	EnRoute Pro		Contrast Enhancer		

Single Vision

Index	Design	Range	Tint	Coating	Addition
1.6	EnRoute	-13.00 to +6.00, max. cyl. -4.00		Glare Filter Coating	
	EnRoute Pro		Contrast Enhancer		
1.67	EnRoute	-15.00 to +6.00, max. cyl. -4.00		Glare Filter Coating	
	EnRoute Pro		Contrast Enhancer		

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FOR SAFER, MORE COMFORTABLE DRIVING