

See better,
go further



ENROUTE



The driving lens that takes you places

HOYA
Eye for detail

The driving lens that takes you places

ENROUTE



Roads connect us to homes, people, cities and jobs, but they also allow us to escape from our hectic routines: on road trips, on holiday, into nature.

Enjoy the ride with EnRoute

As roads become more congested and we spend an increasing amount of time behind the wheel, our eyes are taking the strain. EnRoute lenses are designed specifically for motorists, minimising the stress on the visual system and providing 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
- 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

Our eyes are required to process huge amounts of visual data and to shift viewing focus quickly and often.

Depth perception, the ability to distinguish colour and peripheral vision are all

decreased and then 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}.

Comfort and confidence on the road

Research⁴ indicates that one of the reasons why consumers visit their optician 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 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 and dirt repelling properties.



¹ Hoya data collected over 3 years with Hoya iDentifier.

² National Safety Council. *Driving safely at night*. <http://bit.ly/2jCaWpl> (accessed January 2017).

³ National Highway Traffic Safety Administration. *Night-time glare and driving performance*, February 2007.

⁴ Kantar TNS. *Hoya - a multifocal perspective*, October 2012.

EnRoute Pro

For the real road professionals

For professional drivers, Hoya has developed EnRoute Pro. It offers all 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 considers both the wearer's vision and viewing distance to the dashboard, for a natural, relaxed driving posture⁵



EnRoute in detail

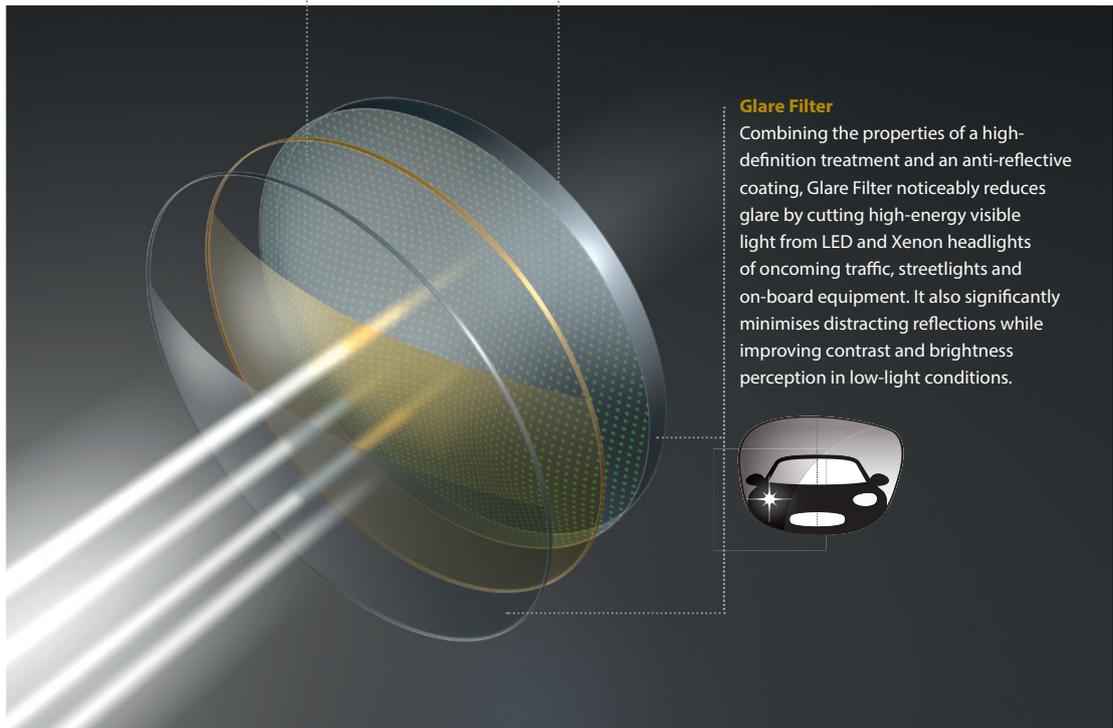
Contrast-enhancing filter*:

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

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

ENROUTE



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		✓
Viewing distances tailored to the individual wearing conditions		✓

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

Standard



EnRoute



EnRoute Pro



Night

Standard



EnRoute



EnRoute Pro



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.