

*Next generation in-mass technology
providing photochromic "alternative"
for the first time in the MR™ series*



SunSensors™ lens technology

**Light weight and premium strength-
High-refractive index material with
advanced photochromic performance**

NEW SunSensors™ - **MR-10™** Refractive index
1.67

NEW SunSensors™ - **MR-8™** Refractive index
1.60

**Low-refractive index material with
advanced photochromic performance**

NEW SunSensors™ - **50HPM™** Refractive index
1.50



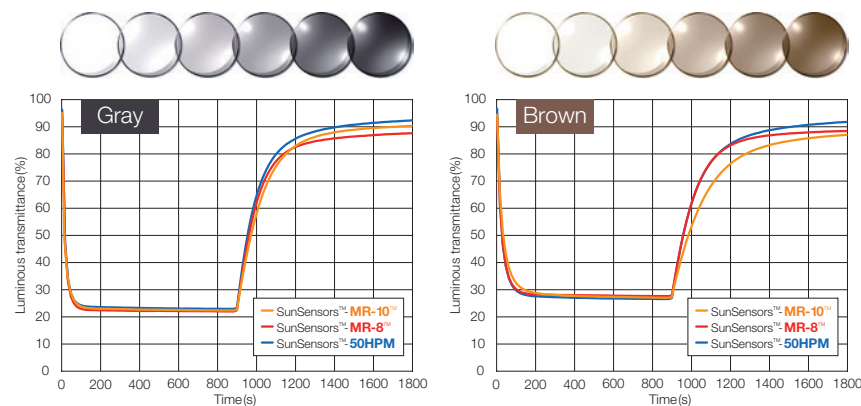
SunSensors™ by Mitsui Chemicals

- Few branded photochromic in the market and SunSensors™ has both recognition and history
- Mitsui Chemicals has renewed SunSensors™ with MR™ and Ultra Dye Dispersing Technology after taking over photochromic business from Corning in 2014.

Features of new SunSensors™

- Applicable for premium coating, dual side processing, high curve, multifocal and/or rimless design
- Good durability enables to retain photochromic performance and lens clarity after long-term use
- Rapid photochromic fading speed

Transmittance curve Measured at 550 nm and 23 °C with our lens with 2 mm in central thickness



Fading speed

Luminous transmittance	Half fading time (sec)		80% fading time (sec)	
	Gray	Brown	Gray	Brown
SunSensors™ MR-10™	75	102	281	412
SunSensors™ MR-8™	65	75	269	267
SunSensors™ 50HPM	62	75	232	266

*All tests were conducted under specified test methods at Mitsui Chemicals, Inc. and are not guaranteed as specifications.

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Mitsui Chemicals

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