DriveWear

Sunglass Collection

one metal classic

two metal classic

three stainless steel

four stainless steel

five stainless steel rimless

six hand-made acetate

seven hand-made acetate

eight hand-made acetate

Drivewear lens technology

DriveWear

Sunglass Collection

Younger Optics expands its successful Drivewear ophthalmic lens technology to a special optical sunglass collection which offers its patented polarized photochromic technology to non-prescription users.

Drivewear lens technology is a result of magnificent collaboration of Younger Optics polarization lens specialists with Transitions Optical photochromic lens specialists. Together, both companies managed to develop the most advanced lens product for day time driving. Drivewear lens eliminates blinding glare, provides significant contrast enhancement even in the overcast weather and, thanks to its advanced photochromic component, adjusts its light absorption according to the light conditions outside.

The highest quality optical frame collection was developed in partnership with German designers and Japanese luxury frame manufacturers to match the Drivewear high-tech lens performance with the top quality and workmanship of the frames. The collection consists of 8 models each in 2 color variations.

All frames are Rx ready and will also be available for ophthalmic clients in combination with Drivewear prescription lenses.

The sophistication of Drivewear technology requires precise explanations and recommendations of the optical professionals to the clients. That is why, as in case of ophthalmic lenses, Drivewear sunglass collection will be sold exclusively in licensed optical shops.

one

gold gloss/black
metal classic

during overcast

behind windshield

bright light outside

model DW1A

menu

one

gun matte/green
metal classic

during overcast

behind windshield

bright light outside

model DW1B

menu

two

gold matte/green
metal classic

model DW2A

during overcast

behind windshield

bright light outside

menu

two

gun gloss/black
metal classic

during overcast

behind windshield

bright light outside

model DW2B

menu

three

gold matte/brown
stainless steel

during overcast

behind windshield

bright light outside

model DW3A

menu

three

gun matte/gray
stainless steel

during overcast

behind windshield

bright light outside

model DW3B

menu

four

gold matte/black
stainless steel

model DW4A

during overcast

behind windshield

bright light outside

menu

four

gun matte/gray
stainless steel

during overcast

behind windshield

bright light outside

model DW4B

menu

five

gold gloss / black
stainless steel rimless

during overcast
behind windshield
bright light outside

model DW5A

menu

five

gun gloss / green
stainless steel rimless

menu

during overcast

behind windshield

bright light outside

model DW5B

six

demi/green
hand-made acetate

during overcast

behind windshield

bright light outside

model DW6A

menu

six

black/red

hand-made acetate

during overcast

behind windshield

bright light outside

model DW6B

menu

seven

demi cream
hand-made acetate

menu

seven

black
hand-made acetate

during overcast

behind windshield

bright light outside

model DW7B

menu

eight

dark demi
hand-made acetate

during overcast
behind windshield
bright light outside

model DW8A

menu

eight

black/olive

hand-made acetate

model DW8B

during overcast

behind windshield

bright light outside

menu

Drivewear lens technology

Human eye is a wonderful instrument designed to collect visual information. The 3 stages of Drivewear lens performance maximize the eye's natural abilities in different light conditions and various day time activities.

STAGE 1: LOW LIGHT CONDITIONS

At the overcast conditions Drivewear lenses allow maximum light to reach the eye. The high contrast polarizer eliminates the blinding glare maximizing the visual acuity. All this enhnces the perfomance of the visual receptors improving visibility even during the driving in severe wether. At this stage Drivewear lenses have contrast enhancing yellow/green colour.

STAGE 2: BRIGHT LIGHT BEHIND THE CAR WINDSHIELD

During the bright light conditions behind the car windshield Drivewear lenses darken to control the optimum light intensity. They promote the preferential activation of the eye's red cones which results in the best possible vision and maximum comfort. The role of the Drivewear polarizer is essential since it blocks the blinding glare generated by reflections on the car windshield – one of the most dangerous driving hazards. The color of lenses changes to copper which is the optimum color for driving and traffic signal recognition.

STAGE 3: BRIGHT LIGHT OUTDOORS

When the eyes are exposed the bright light outside the visual sensors, rods and cones, can be overpowered which may diminish their functionality. In these conditions Drivewear lenses absorb maximum light while the polarizer continues to block blinding glare. The lens color is adjusted again to Dark Brown to provide maximum protection and comfort at these conditions.