

THE AUTHENTIC OAKLEY ADVANTAGE

OAKLEY SPORTS-SPECIFIC PROGRESSIVES WHITE PAPER

WHY SPORTS-SPECIFIC PROGRESSIVE TECHNOLOGY?

Athletes depend on their gear to perform to their personal best. For example, if you're a cyclist your performance is heavily influenced by, bike maker and construction, sprocket ratios, derailleur, shifters, seat and tube, wheels, fork, pedals, shoes, jersey and arm warmers. Each part of the bike and the clothes you wear contributes to your safety and performance.

For cyclists that wear prescription eyewear, the right outdoor eyewear is as important as the bike or cycling gear. Nonetheless, presbyopes had to compromise their vision; potentially limiting their sport performance, by wearing regular general-purpose multifocals. General-purpose multifocals are designed for common daily activities such as driving, walking around and working at a desk. Athletes have different visual needs for their unique sport. Oakley True Digital is the first progressive lens that further differentiates into a suite of sport-specific progressive lenses to deliver optics designed for cycling, golf and fishing.

INTRODUCING OAKLEY SPORTS-SPECIFIC PROGRESSIVES

Developed as a personalized progressive lens solution for the sports of cycling, golf and fishing, each new Oakley lens is designed with specific activities and visual tasks in mind. When combined with sport-specific lens tints and protective coatings they provide a comprehensive sports solution for the presbyopic athlete.

CYCLING

The illustration below defines a variety of specific areas of use and a cyclist's bike position when viewing through that point on the lens. Above the lens midline, good distance vision is required for a range of head/chin down positions. At the midline and below the cyclist benefits from any assist for glance back, views of the road and cycling computer.



Oakley True Digital Road Cycling is designed to address various riding positions. The cycling-specific design allows the optician to deliver a lens with a large clear distance, long intermediate, narrow near with increased mid /far peripheral clarity.

RIDING ZONE

A cycling-specific distance zone, up to 20° above the fitting cross, provides sharp vision at a rider's natural head position: chin down, eyes rotated up.

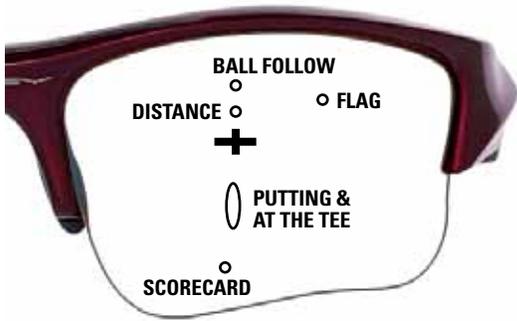
ELECTRONIC ZONE

A cycling-specific intermediate and reading zone, allows the rider a clear view of the bike computer without hiding road obstacles hidden by a wider near.



GOLF

A golf lens, shown below, requires clear vision in a large enough distance zone vertically and horizontally to see the flag while at the tee. At the tee, the chin is down with the ball on the ground. During head turn, the eyes and chin are up, and the corresponding eye rotations through the lens near the midline require clearer vision to follow the ball when driving.

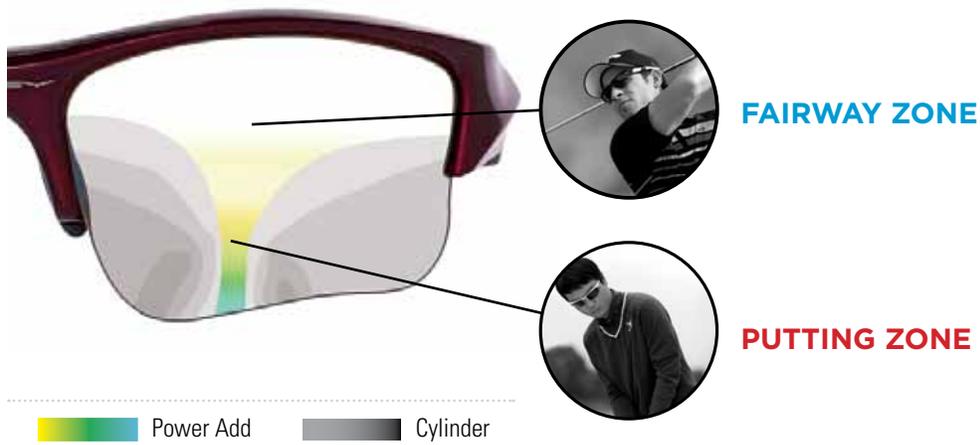


FAIRWAY ZONE

A wide golf-specific distance zone, delivers crisp vision above the fitting point allowing golfers to easily follow the ball down the fairway.

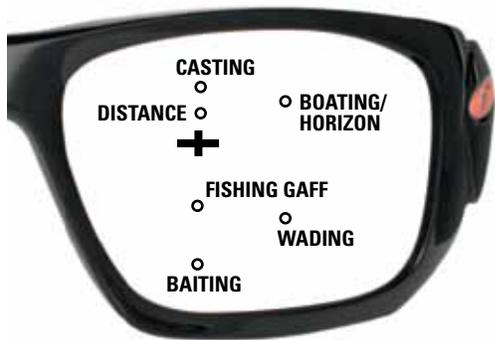
PUTTING ZONE

A long and even golf-specific intermediate zone allows golfers to hit the ball with a more natural head posture.



FISHING

In the upper portion, for distance vision, a scan of the horizon while traveling on the water and a high clear zone for head/eye movement when casting is required. Below the fitting cross, enough clear intermediate is needed for the safe use of a fishing gaff (deep sea fishing) or when wading in a stream.



CASTING ZONE

A wide fishing-specific far vision zone delivers crisp vision across the distance providing the details to scan, cast and spot fish.

BAITING ZONE

A wide near zone makes baiting easier for the large variety of fishing demands.



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