

American Optical Progressive Lens Release dates, Technical Info

Lens Designer: Dr. John Winthrop

Lens	Date Introduced	Materials	Diameter/ Centration	Description	Benefits	Added Aspherization	Asymmetric Design
Ultravue	1978 Global Release	Std index		Hard design, spherical distance, single design	First AO Progressive	No	No
Truvision®	1981	Std Index Plastic, Glass	Plastic: 75mm centered and decentered 5mm, Glass: 70mm dec 3mm	Hard Design, Spherical Distance	Clear Distance Zone	No	No
Truvision OMNI®	1988	Std Index Plastic, Glass, Polycarbonate	Plastic 75mm dec 5mm, Glass: 70mm dec 3mm	Softest AO design	Ultimate in soft, smooth progressive transition zones	No	No
Truvision Technica®	1990	Std Index Plastic	75mm decentered 4 mm	Task sepcific computer lens for intermediate/ Near work	Extremely wide intermediate and reading zones, Processes like conventional progressive	No	Yes
AO Pro® 15	1992	Std Index Plastic, Transitions, Glass	75mm decentered 5mm, 70mm dec 3mm for glass	Soft, multidesign	Soft, ideal balance in smoothness	No	Yes
AO Pro® 16	1994	Polycarbonate , 1.6 Plastic, 1.6 Glass	80mm centered (78mm for HI 16, 70mm dec 3mm for glass)	Soft, multidesign	Similar to AO Pro 15, HI and Asphericity for improved cosmetics	Yes	Yes

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AO Force® 55	1996	High Index '55' Plastic	80mm centered	Superposition, Mono-design	Combined soft and hard superposition design	No	Yes
AO Compact®	1998	Std Index Plastic, Transitions, HI 55 and 16, Polycarbonate	72mm centered	Superposition, Multi-design, Variable inset	First Lens in the world specifically designed for small frames	No (Yes for AO Compact 1.6)	Yes
AO b'Active™	2000	Std Index Plastic, Nupolar Polarized	75mm decentered 2.5mm	Superposition, Multi-design, Variable inset	Reduced peripheral distortion, Large "active viewing zone"	No	Yes
AO Pro Easy™	2002	Std Index Plastic, Transitions, Polycarbonate , 1.6 and 1.67	75mm decentered 2.5mm	Superposition, Multi-design, Variable inset	General Purpose progressive	No (Yes for AO Pro Easy16)	Yes