

Product comparison chart

HOYA lens designs

HOYA concept and benefits

Vision plan competitive comparisons

HOYA lens designs	HOYA concept and benefits	Vision plan competitive comparisons
iD iD MyStyle® 2	<ul style="list-style-type: none"> The pinnacle of personalization with unlimited design variations Utilizes an interactive consultation program to gather patient information, lifestyle requirements and wearing preferences to create a lens that is uniquely personalized Incorporates Integrated Dual Surface (iD) design technology and Binocular Harmonization Technology™ to accomplish ideal binocular vision for a truly personalized design Every pair is designed using HOYA's patented Binocular Eye Model™ and 3D Visual Acuity Simulation™ Available in four convenience options: Modern, Detail, Adventure, Stable 	<ul style="list-style-type: none"> Shamir Autograph® Intelligence™ Varilux® XR Track Unity® Via Elite II
iD iD LifeStyle® 3	<ul style="list-style-type: none"> Binocular Harmonization Technology takes into account the differences between right and left prescription to balance the design performance Integrated Dual Side design with standardized front vertical power distribution and customized back horizontal progression—reduces eye rotation between distance and near zones and provides wider fields of view Fully integrates both surfaces using View Xpansion Technology™ to minimize aberration Three designs: Indoor, Urban, Outdoor Option for position of wear measurements 	<ul style="list-style-type: none"> Shamir Autograph® III Varilux® XR Design Zeiss® Progressive Individual® 2 Unity® PLXpression
iD iD Space™, iD Screen™, iD Zoom™	<ul style="list-style-type: none"> Relieves symptoms related to digital eye strain (DES) iD Space: The ideal lens for performing activities where the focus is beyond the distance of a computer screen iD Screen: The best choice for professions requiring maximum clarity at an intermediate distance like those working in stores and offices iD Zoom: Perfect for laptop and hobbies that require high levels of concentration and sharp vision at close range Best binocular vision with HOYA's Binocular Harmonization Technology 	<ul style="list-style-type: none"> Essilor® Computer Shamir Computer™ & Workspace™ Zeiss® Officelens Book, Desk, Room Unity® Via Office Pro
BKS Array® 2 Array® 2 Wrap	<ul style="list-style-type: none"> Binocular Harmonization Technology takes into account the differences between right and left prescription to balance the design performance Applies HOYA free form surfacing technology to the back side of any semi-finished single vision lens, in any material Variable corridor length offers customization for ergonomic considerations Array 2 Wrap provides compensated design for wrap frames 	<ul style="list-style-type: none"> Kodak DS II™ Shamir Autograph® II+ Shamir Autograph® II Attitude™ Varilux® Physio® W3+ / Stylistic Wrap Zeiss® Precision (Superb, Plus, Pure) Unity® Via II, Unity Plus II/Mobile II/ Wrap II
BKS Summit® ecp BKS Summit® cd BKS	<ul style="list-style-type: none"> Design symmetry of nasal and temporal zones for: increased viewing comfort, better binocular vision, and reduction of uncomfortable feelings while in motion Effortless transition between zones to allow for more natural head and eye movement Summit cd BKS for smaller frames 	<ul style="list-style-type: none"> Varilux® Physio® DRx Varilux® Comfort Max Zeiss® Progressive Choice Shamir Spectrum+™ Unity® PLXtra
BKS Amplitude® BKS™ Amplitude® Mini BKS™	<ul style="list-style-type: none"> Economical lenses to suit any budget Comfortable design to suit most lifestyle needs Wide fields of view with free form technology 	<ul style="list-style-type: none"> Kodak Precise®/PB/Short Shamir Element™ Zeiss Synchrony® Easy Adapt Varilux® Comfort 2 Ethos® Plus
BKS Hoyalux GP Wide™	<ul style="list-style-type: none"> 23% wider than traditional progressive lenses Horizontal asymmetry, balanced, comfortable binocular vision Transmission based design Natural all-around vision with wide near zone 	<ul style="list-style-type: none"> SolaMax® Kodak Concise Essilor® Ovation Essilor® Naturar AO Compact Varilux® Comfort

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	Lens designs	HOYA concept and benefits	Vision plan competitive comparisons
iD	iD Single Vision®	<ul style="list-style-type: none"> HOYA's Integrated Dual Side free form technology Expanded peripheral viewing, especially in higher prescriptions Visual optimization for all powers Ideal combination of performance and cosmetics Higher visual performance 	<ul style="list-style-type: none"> Essilor Eyecode™ Single Vision Essilor Eyezen® +0 Shamir Autograph® II SV Zeiss® 3D SV
BKS	MySV™	<ul style="list-style-type: none"> HOYA's first fully compensated, free form single vision lens Compensates in the oblique angles offering 360° visual comfort Digital lenses provide a more accurate and precise prescription than standard single vision lenses Optimized base curve to fit any frame without altering the frame shape 	<ul style="list-style-type: none"> Essilor FIT™ Shamir Autograph® III SV Unity® SVXtra Zeiss® SmartLife SV Individual
iQ	Single Vision iQ™	<ul style="list-style-type: none"> Backside design technology Visual optimization for all powers Calculated visual acuity at every point on the lens Wider, clearer visual field in all directions of sight 	<ul style="list-style-type: none"> Essilor 360°™ Single Vision Zeiss® SmartLife SV Shamir Smart SV™ Unity® SVx
BKS	Sync III™	<ul style="list-style-type: none"> Sync lenses have the distance power for everyday use and a 'boost zone' in the lower portion of the lens The boost zone is an area with an increased amount of relaxing power, reducing eye strain during prolonged up close activities such as looking at digital screens, reading or any 'near task' activities Three support levels: Sync III 5 (+0.57D), Sync III 9 (+0.95D) and Sync III 13 (+1.32D) 	<ul style="list-style-type: none"> Shamir Relax™ Essilor Eyezen® + 1, 2, 3 Zeiss® SmartLife Digital Lens Zeiss® EnergizeMe® SV Zeiss® Digital Lens Unity® Relieve 50/70
BKS	Tact® 40/60 BKS	<ul style="list-style-type: none"> Relieves symptoms related to digital eye strain (DES) Provides extended focus lens design for near and intermediate viewing zones Delivers exceptionally wide intermediate and near viewing zones with optimized periphery 	<ul style="list-style-type: none"> Shamir Autograph® II-Office™ Zeiss® Synchrony® Access Unity® Via OfficePro 5/10 FT

	Lens treatments	HOYA concept and benefits	Vision plan competitive comparisons
New	Super HiVision® Meiryō™ EX4™	<ul style="list-style-type: none"> Features 100% front and back UV protection with low reflective properties Best in class surface durability Premium scratch resistance and AR performance, water repellent, oil/grease repellent Excellent smudge resistant, eliminates glare and helps reduce eye fatigue Superior clarity that lasts longer Maintains "Easy Clean" features Anti-static 	<ul style="list-style-type: none"> Crizal® Sapphire™ HR Zeiss® DuraVision® Platinum UV Shamir Glacier Expression™
	Super HiVision® EX3® Family (EX3+, EX3)	<ul style="list-style-type: none"> Super HiVision EX3+: UV protection from backside reflections for eyes and surrounding skin Super HiVision EX3 and EX3+ include: <ul style="list-style-type: none"> Extreme scratch resistance, the only lens treatment that outperforms glass Smudge resistant, eliminates glare and helps reduce eye fatigue Includes View Protect® & Substrate Matching Technology 	<ul style="list-style-type: none"> Crizal® Sapphire™ UV Zeiss® DuraVision® Platinum
	Recharge®	<ul style="list-style-type: none"> Reduces the amount of blue light that reaches the eyes emitted by most LED screens Greater comfort for prolonged amounts of time in front of back lit displays Includes the same scratch and smudge resistance benefits as EX3+ Substrate Matching Technology 	<ul style="list-style-type: none"> Crizal® Previncia™ Zeiss® Duravision® BlueProtect TechShield® Blue Essilor Essential Blue Series®
	Super HiVision®	<ul style="list-style-type: none"> Superior scratch resistance Exceptional smudge resistance Includes View Protect & Substrate Matching Technology 	<ul style="list-style-type: none"> Crizal® Avancé™ UV Zeiss® DuraVision® Silver
	HiVision® View Protect™	<ul style="list-style-type: none"> Front and back scratch resistance Smudge resistant treatment View Protect "easy to clean" treatment 	<ul style="list-style-type: none"> Crizal® Alize™ UV Zeiss® DuraVision® Silver
	Sensity® Family (Sensity 2, Sensity Dark, Sensity Shine)	<ul style="list-style-type: none"> Stabilight Technology™ ensures consistent performance in different climates and seasons Excellent contrast and glare reduction with Sensity's four deep, natural colors Exceptional optical quality and durability due to photochromic precision technology Darkens in the car (Sensity Dark and Sensity Shine only) 	<ul style="list-style-type: none"> Transitions™ Signature® Gen 8™ Transitions® XTRActive® New Generation Zeiss® PhotoFusion®
Sensity® Fast	<ul style="list-style-type: none"> The fastest HOYA light adaptive lens technology available Cutting-edge speed when fading back from dark to clear Better indoor clarity than Sensity family 	<ul style="list-style-type: none"> Unity® SunSync® Elite II 	