

HOYA PRODUCT COMPARISON CHART

HOYA DESIGNS: SEPTEMBER 2013

	HOYA BRAND	HOYA'S CONCEPT	PATIENT BENEFIT	INDUSTRY LENSES
CUTTING EDGE	HOYA FREE-FORM	<ul style="list-style-type: none"> • The pinnacle of personalized lens design. • Utilizes the new Spectangle App for iPads • Utilizes the new MyStyle iIdentifier interactive patient consultation program to gather detailed information about the patient, including lifestyle requirements and wearer preferences. • Analyzes the data from the iIdentifier to create a lens that is uniquely personalized to the patient. • MyStyle incorporates Integrated Double Surface technology and Balanced View Control[™] with a truly personalized design. 	<ul style="list-style-type: none"> • For the first time ever, a visual experience created using lifestyle input from the patient. • Comfort, clarity and performance like they've never experienced before. • A lens design that evolves as the patient's activities, Rx and needs change. 	
VERY BEST	HOYA FREE-FORM	<ul style="list-style-type: none"> • The World's First Integrated Double Surface Progressive Lens. • Customized vertical front and horizontal back progression reduces eye movement between distance and near zones while following the wearer's natural eye movement. • Made with HOYA Free-Form technology, separating the performance of the front and back surfaces of the lens. • Fully integrates both surfaces using Balanced View Control[™] to virtually eliminate skew deformation. 	<ul style="list-style-type: none"> • The first progressive lens of its kind. • Perfect balance and more comfortable peripheral vision. • Virtually eliminates swimming and swaying sensations for the wearer. 	<ul style="list-style-type: none"> • Varilux S 4D
BEST	HOYA FREE-FORM	<ul style="list-style-type: none"> • Molded front vertical and customized back horizontal progression reduces eye movement between distance and near zones while following the wearer's natural eye movement. • Fully integrates both surfaces using Balanced View Control[™] to virtually eliminate skew deformation. • As MyStyle- personally designed to fit one individual based patient lifestyle. Optimizing Lifestyle's lens design by using lens mapping, prescription verification and 3D aspherization. 	<ul style="list-style-type: none"> • Maximum visual comfort, matches lens design with patient lifestyle Uniform curvature of the front surface ensures the same perception for every stage of presbyopia. • Horizontal progressive powers on the back surface for wider visual zones. • Virtually eliminates swimming and swaying sensations for the wearer. 	<p>*Difficult to compare with anything on the market due to the unique characteristics.</p>
BEST	HOYA FREE-FORM	<ul style="list-style-type: none"> • Molded front vertical and customized back horizontal progression reduces eye movement between distance and near zones while following the wearer's natural eye movement. • Fully integrates both surfaces using Balanced View Control[™] to virtually eliminate skew deformation. 	<ul style="list-style-type: none"> • Uniform curvature of the front surface ensures the same perception for every stage of presbyopia. • Horizontal progressive powers on the back surface for wider visual zones. • Virtually eliminates swimming and swaying sensations for the wearer. 	<ul style="list-style-type: none"> • Varilux Ipseo • Varilux Physio Enhanced Fit[™] • Shamir Autograph[™] II • Kodak Unique[™] DS • Zeiss Individual • Varilux S Fit
BETTER	HOYA FREE-FORM	<ul style="list-style-type: none"> • Array applies HOYA Free-Form surfacing technology to the back side of ANY semi-finished single vision lens, in ANY material. • Adaptive design that is optimized for hyperopes, myopes and astigmatics. • Superior ergonomics of near, mid and distance sight which delivers natural, comfortable viewing and head movement for your patients. 	<ul style="list-style-type: none"> • Optimization and customization for individual prescriptions for peak performance of lens design. • Widest viewing area for both myopic and hyperopic patients. • Improved vision at all distances. • Sharper, clearer, distortion-free viewing. 	<ul style="list-style-type: none"> • Shamir Autograph[™] II • Shamir Autograph[™] III • Varilux S Series
GOOD	HOYA FREE-FORM	SUMMIT ECP iQ[™] SUMMIT CD iQ[™]	<ul style="list-style-type: none"> • Sharp and wide in all zones. • Natural balance, distance to near. • Intelligent software optimizes the back surface of a tried and true progressive design. • Summit cd iQ offers great Summit performance in fashionable, smaller lenses. 	Summit ecp iQ: <ul style="list-style-type: none"> • Varilux Physio[®] Enhanced • Zeiss GT2 3D • Varilux Comfort Enhanced[™]
			<ul style="list-style-type: none"> • Enhanced visual performance. • Less distortion. • Wider vision fields. • Improved distance vision. • Summit cd iQ offers a 14 mm fitting height. 	Summit cd iQ: <ul style="list-style-type: none"> • Varilux Physio[®] Short Enhanced • Zeiss GT2 3D Short • Shamir Spectrum[™] • SolaOne[™] HD[®] • Varilux S Design • Zeiss HDv
BASIC	CONVENTIONAL	SUMMIT ECP[™] SUMMIT CD[™]	<ul style="list-style-type: none"> • An excellent progressive design with Extended Corrective Performance (ecp) or Compressed Design (cd) for exceptional freedom and unparalleled vision in all zones. • Utilizes Integrated Transmittance Control (itc) technology to achieve 3 major advancements: <ul style="list-style-type: none"> – In-wear Customization – 120 Variable Inset – Design Symmetry 	Summit ecp: <ul style="list-style-type: none"> • Varilux Physio[®] • Definity • SolaOne[™] • Zeiss GT2[™]
			<ul style="list-style-type: none"> • Offers exceptional vision performance at all distances with maximum comfort. • The Summit cd is designed for small, modern frames. 	Summit cd: <ul style="list-style-type: none"> • Definity Short[®] • Shamir Piccolo[®] • Varilux Physio Short[™] • Zeiss Brevity[™] • Zeiss GT2[™] Short

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DIGITAL LIFESTYLE	SYNC™ 5 SYNC™ 8	<ul style="list-style-type: none"> • Relaxed focusing with minimal effort for the eye. • Clear image and depth perception to view objects true to shape • Thin, light and flat lens design. • Ability to fit any frame. 	<ul style="list-style-type: none"> • Shamir Relax™ • Essilor Anti-Fatigue™
FREE-FORM SV	ID SINGLE VISION™ SINGLE VISION IQ™	<ul style="list-style-type: none"> • Bi-aspheric design technology provides clear vision from edge to edge. • 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"> • Zeiss Individual™ SV
COMPUTER	HOYALUX TACT™	<ul style="list-style-type: none"> • Relieves eyestrain and health problems related to Computer Vision Syndrome (CVS). • 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"> • Essilor Computer™ • Sola Access® • Zeiss Gradal® RD • Shamir Office™

HOYA AR TREATMENTS

	HOYA AR BRAND	HOYA'S CONCEPT	INDUSTRY AR
STATE OF THE ART	SUPER HIVISION EX3™	<ul style="list-style-type: none"> • Extreme scratch protection — more scratch resistant than glass. • Extreme smudge resistance. • An integral part of the lens — not a coating. • Substrate matching properties. • Includes View Protect. 	<ul style="list-style-type: none"> • Crizal® Sapphire w/ Scotchguard™
VERY BEST	SUPER HIVISION™	<ul style="list-style-type: none"> • Unmatched scratch resistance. • Exceptional smudge resistance. • Substrate matching properties. • Includes ViewProtect. 	<ul style="list-style-type: none"> • Crizal® Avancé™ with Scotchguard™ • Sola Teflon® Elite
BEST	HIVISION™ VIEWPROTECT™	<ul style="list-style-type: none"> • ViewProtect “easy to clean” treatment. • Smudge resistant treatment. • Front and back scratch resistant. 	<ul style="list-style-type: none"> • Crizal® Alize™ • Sola Teflon® • Zeiss Carat® Advantage • Zeiss Ultrapure
BETTER	HIVISION™	<ul style="list-style-type: none"> • Smudge resistant treatment. • Front and back scratch resistant treatment. • Substrate matching properties. 	<ul style="list-style-type: none"> • Crizal® • Zeiss Carat • Sola UTMIC
GOOD	PREMIUM AR VIEWPROTECT™	<ul style="list-style-type: none"> • Water resistant treatment. • Front scratch resistant coating and back protection. 	<ul style="list-style-type: none"> • Essilor Reflection Free NP® • Zeiss Super ET® • Endura EZ • Crizal® Sun • Essilor FR Endura/EZ • Kodak Clear • Carat Advantage
UNIQUE	Unique to HOYA Laboratories HOYA RECHARGE	<ul style="list-style-type: none"> • Reduces the amount of blue light that reaches the eyes present in most LED screens • Contrast Enhancing • Greater comfort for prolonged amounts of time in front of back lit displays • Plus: all the benefits from Hi-Vision! 	

