

MH Optical
Pelican Optical
New Hampshire Optical



PRODUCT CATALOG

WELCOME

One thing that we hear on a regular basis is that our industry looks so different than it did years ago. Just as we find our laboratory hardly resembling the early days of the business, we are sure that the future generations will look at MH Optical Labs and think back on all of the changes we've been through.

MH Optical Labs focuses on creating great products and services for independent ECP's. We believe that private eye care practices are the backbone to this industry, giving patients the most customized experiences and offerings.

By serving independent ECP's and wanting the best for patients, MH pushes itself to continue to grow and explore the most current technologies and products. Furthermore, we would also like to show you that not all of the independent labs limit you to just house-brands, we carry name brands along with affordable options, so everyone has the lens they are looking for.

MH can't wait for you to read the following pages, which will show you some highlights of what our lab can offer you. Come and see the benefits of a lab that prides itself on our passion for optics. Partnering with a lab that is on your side, allows our success to be your success.

Together let's keep this industry one that we can be proud of!

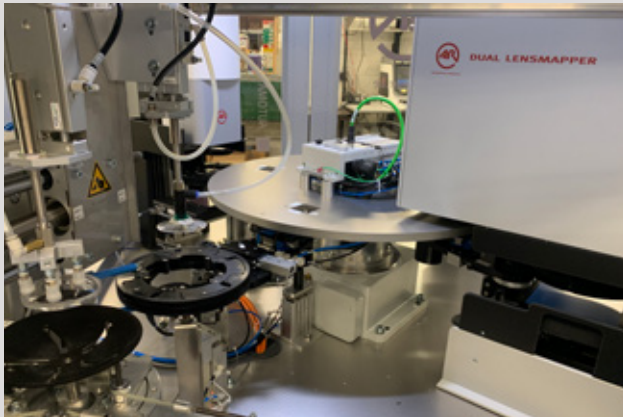
Sincerely,

Your Friends at MH Optical Labs



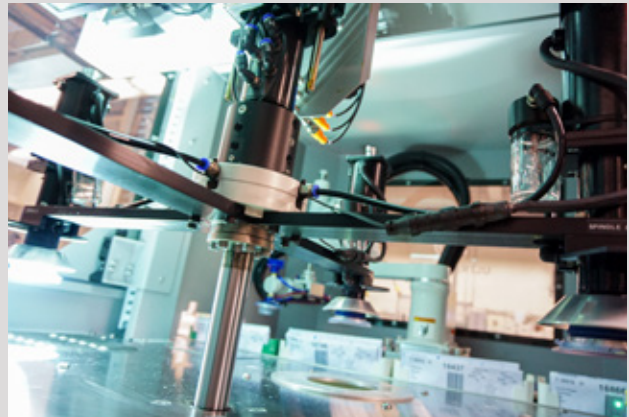
What's new?

Family owned since 1940, MH Optical Labs has not stopped exploring new technologies to make our lab efficient and produce the highest quality products we can. Take a peek at some of the newest additions to our lab.



A&R AutoMapper

A&R AutoMapper is the newest innovation for production control. It gives us direct feedback using mapping to identify defects to get the best quality lens.



Ultra Optics 44R Back Side Spin Coater

This coater allows us to produce a high-quality hard coating to lenses in a more efficient and timely manner than ever before.



Announcing in-house CRIZAL®

MH Optical Labs has continued to explore new technologies to produce the highest quality products. We are happy to share with you the newest addition to our offerings, the ability to run Crizal AR coatings in-house! This gives you the best coating options with fast turnaround times. We offer the Crizal AR coating line, including Previncia, Sapphire, Avancé, Alizé, and Easy.

PROGRESSIVES



FLEX OPTIM™ TECHNOLOGY

A DESIGN THAT ADJUSTS TO YOUR PATIENT'S VISION PROFILE.



Keeping the wearer at heart, Essilor's design calculator automatically determines the optimal vision profile based on the RX and ADD of the wearer.

Varilux® Comfort Max: new lens that maximizes the area of useful vision ©Varilux®

Varilux

We have a large variety progressive lenses by Varilux® ready for your patients. Whether you're dispensing the classic tried-and-true Comfort® 2 or upgrading your patients to digital with DRx™, W2+, or Physio® W3+, MH can complete your order right here in-house to give you high-quality fast service.

We now also process the X Series™ and Comfort Max in-house.

Varilux X Series™ beyond offering the crispest, cleanest vision in all light conditions, the "Xtend" technology in these lenses actually allows wearers to change from their near, intermediate, and distance zones without even moving their heads!

Comfort Max features FlexOptim™ technology to provide the largest area of useful vision and gives patients a more natural posture.

Eyezen+ single vision lenses offer 4 levels of relief for patients that suffer digital eye strain, contains up to 20% Harmful Blue Light protection, and comes with W.A.V.E. technology for sharper vision.



Shamir

We surface all Shamir lenses in our labs, including their high quality progressives. Available lenses include: Autograph® II, Autograph® III, Spectrum +™, Intelligence™, Intouch™, Office™, WorkSpace™, Computer™, SV Autograph®

Shamir Featured Lenses:

Shamir Computer™ is ideal for computer or any close up task, providing a wide field of near viewing with clear vision up to 5ft.

Shamir WorkSpace™ provides a greater depth of field, allows sharp vision for work at the desk or communicating with a colleague across the room.

Depth of Field: Shamir Computer™



Depth of Field: Shamir WorkSpace™



Illustration of the DOF of Shamir Computer™ & Shamir WorkSpace™ ©Shamir

iForm

iForm™ is our impressive in house IOT digital lens designed for sharp vision, a large reading area, and smooth progression from distance to reading available in both Basic and Advanced designs.

The **Digital Ray-Path®** technology allows for backside customizable digital lenses providing better vision in all zones for the lens and is completely customizable with parameters for each patient. These lenses offer personalized prescriptions and additions, monocular pupillary distance, pupil height, our Advanced design also offers position of wear measurements for complete customization (pantoscopic angle, wrap tilt, back vertex distance, and near working distance). They are also available in most materials and colors!

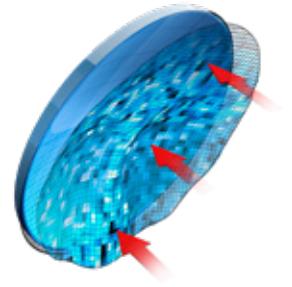
Camber™ is an innovative lens technology that combines complex curves on both sides of the lens to provide excellent vision correction, and can be applied to any of our iForm™ lenses.

iForm™ doesn't stop at a progressive, be sure to try our other digital designs:

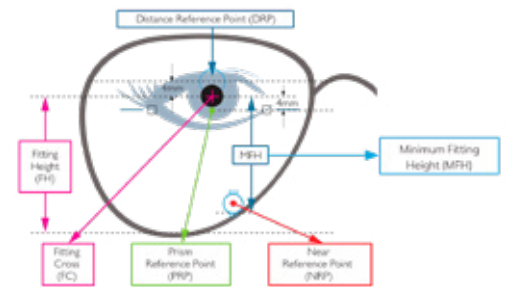
- iForm™ SV
- Digital Bifocals
- Digital Executive
- Lenticulated Designs (+/-)
- Task specific iForm™ DOC (Desk, Office, Conference)

Big minus Rx and big wrap frame? No big deal with iForm™! Checkout www.digitalray-path.com to see more of the science in an iForm™ design.

iForm™



Digital Ray-Path®, advanced technology free-form fully personalized digital lenses with back surfacing. ©IOT



Personalized parameters to create personalized lenses. ©IOT

Digital Ray-Path is a registered trademark of Indizen Optical Technologies S.L.U.

Camber is a trademark of Younger Mfg. Co.

Exceed

Our Exceed™ line makes popular progressive lenses available to all patients, no matter their budget. Our classic Exceed™ lenses are a traditional front-surface design, available in both full and short corridor lengths.

Exceed Deluxe

Exceed™ Deluxe is a full back-surface digital progressive and although it is a more modern design, it is still at a very affordable price. It's an excellent way to introduce patients to FreeForm when price is an issue.



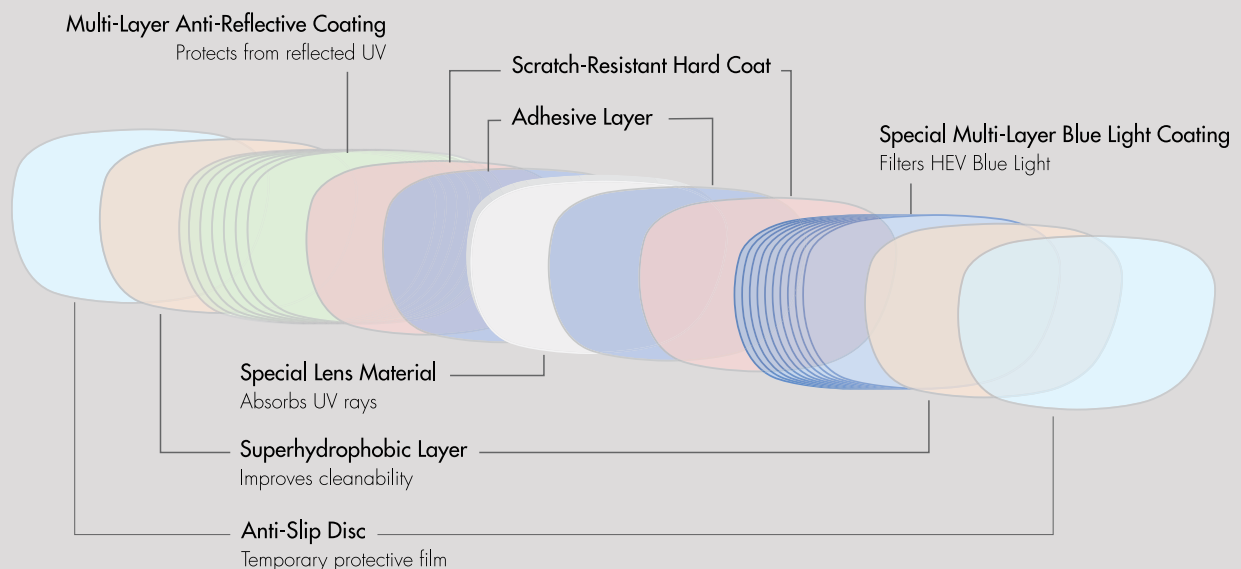
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BLUE LIGHT DEFENSE



Patients have become more aware of the dangers of blue light and its effects on our health. We have a range of options to help you help your patients.

- **Kodak Total Blue®** lenses offer 100% protection from UV rays and filters Harmful Blue Light, reducing the risk of long term exposure up to 80%. These clear lenses help with eye strain and eye fatigue and show true color perception that will make prolonged digital device usage more comfortable.
- Our house brand, **Blue Fit**, has virtually no noticeable coloration and is at a great price. Try it as single vision (stock available) or iForm™ digital progressive.
- **Crizal® Prevencia®** defense is through a specially designed AR coating that will reflect the harmful range of light. This gives it a distinct purple-violet coloration and it will also have the benefits of a premium AR, such as smudge and scratch resistance and a 2 year warranty.
- **BluTech®**, available in 1.56 index is excellent for patients who put their health above all else, as it offers superior protection with a distinct coloration. Try it as surfaced single vision or iForm™ digital progressive, it even works with a polarized lens.



Kodak Total Blue® hybrid lenses offer UV and Blue Light Management ©Kodak

POLARIZED AND PHOTOCROMIC



Comes marked for easy edging.

MH makes it easy for you to dispense a pair of sunglasses that your patients will absolutely love and provide protection from sun in all seasons.

Polarized

- Gradient polarized come in Polycarbonate and in 3 colors: Grey-Grey, Brown-Brown, and Brown-Grey.

Photochromic

- Transitions™
 - **XtrActive®** for extra darkness and even changing behind the windshield
 - **XtrActive® Polarized™**, the polarized Transitions™
 - **Drivewear®**, changes color behind a windshield
- Low-cost, high-quality **Sunsations** in thinner Mid-Index, and now 1.67 Index

All polarized and photochromic lenses are done at MH and can be ordered as a variety of lens designs, including iForm™ Digital Progressives.



STYLE COLORS:

SAPPHIRE



AMBER



AMETHYST



EMERALD



Transitions® Signature® Style Color Options ©Transitions®
XTRActive® lenses come in both Iconic Colors and Style Mirror Colors.

ICONIC COLORS:

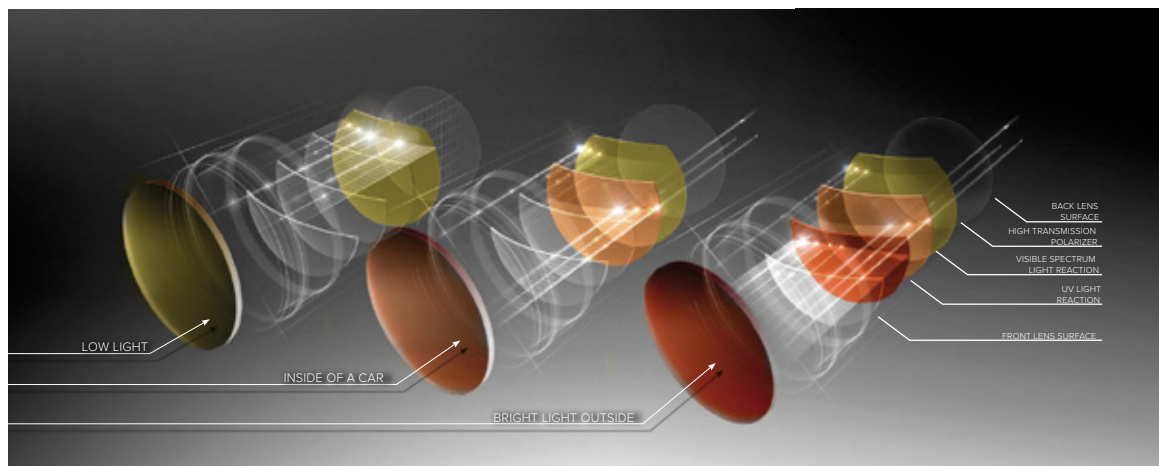
GRAY



BROWN



GRAPHITE GREEN

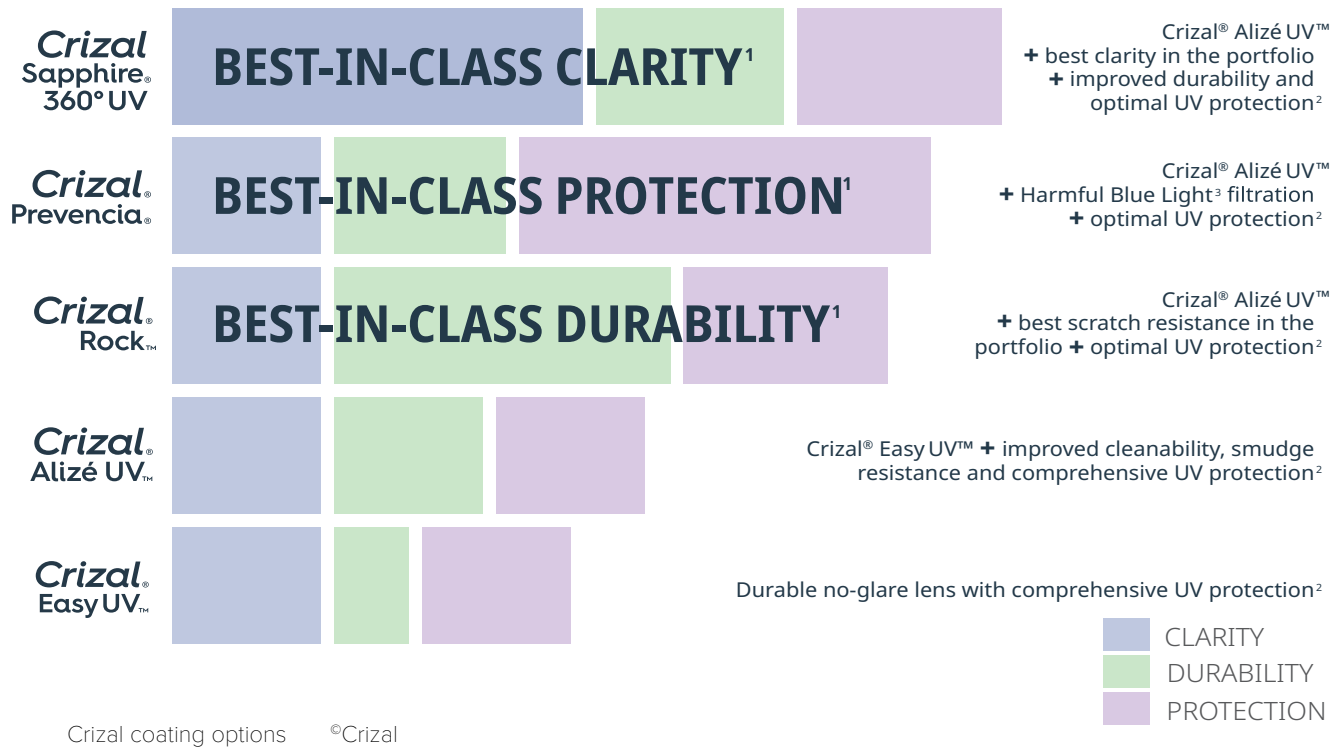


Transitions Drivewear ©Transitions®

AR COATS

Crizal

We now have Crizal® in-house, making your turn around time quicker. See options below.



Premium and Standard Coatings

If there's no AR on a lens, it will not be as good as it can be. Today's ARs also can help resist smudges and scratches that make patients dislike wearing eyewear.

Premium Coatings

Granite Package: Our house brand high-end coating gives patients everything they expect from an AR – durability, smudge and dirt resistance, and a dipped scratch-resistant foundation, backed with a 2-year warranty. Granite comes with a classic green reflex color.

Carat Advantage: An upgrade to the popular Super ET, Advantage offers a superior scratch, smudge, and dirt resistant topcoat. It has a 2-year warranty and a blue reflex color.

Standard Coatings

ARP: Our house brand standard AR. Affordable and effective, ARP has a classic green reflex color.

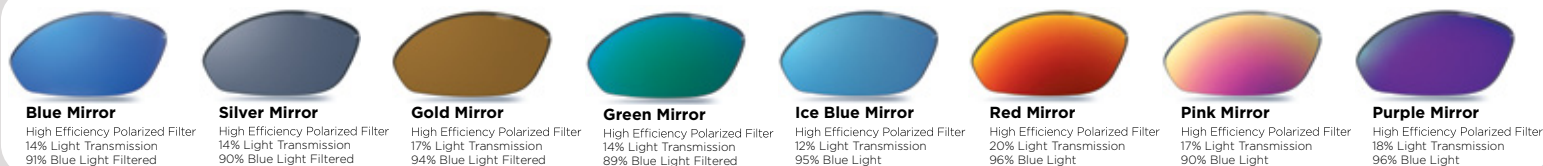
Super ET: Big name with a little price tag, Zeiss SET has a blue reflex color.



MIRRORS

We apply a large variety of mirror coats here in our lab, all coming with complementary back-side AR. You can also save time by asking for one of our Pre-Coated Mirrors, which are semi-finished blanks made by Essilor's KBco™ that have the mirror already applied on the front of a polarized lens so all we need to do is surface and put on a back-side AR.

They can be made as Single Vision and iForm Digital Progressives in either Polycarb or 1.67. With the mirror already there, typical turnaround is only 2 days! Our pre-coated colors are:



KBco™ Mirror Color Options ©KBco™

All MH mirrors are warranty for 1 year and include a back-side AR in the price.

FRAME N LENS PACKAGES

At MH Optical Labs, we have established strategic relationships with several industry frame suppliers to keep frames in stock for convenience and fast turnaround. These vendor include the following:

Eight to Eighty

Serafina Eyewear®

Affordable Designs®

Modern Eyewear®

Capri Eyewear®

Value and Vivid Eyewear

Geek Eyewear®

Hilco Vision

MiraFlex

Hilco: C2 Leader Frames are industry leading sports goggles that we keep all sizes and colors in-house. These are part of our popular Sports Package Program. Pair with our iForm for a complete pair of sports goggles.

Cleaning Cloths, Frame Cases: We have an assortment! Call for bulk pricing.

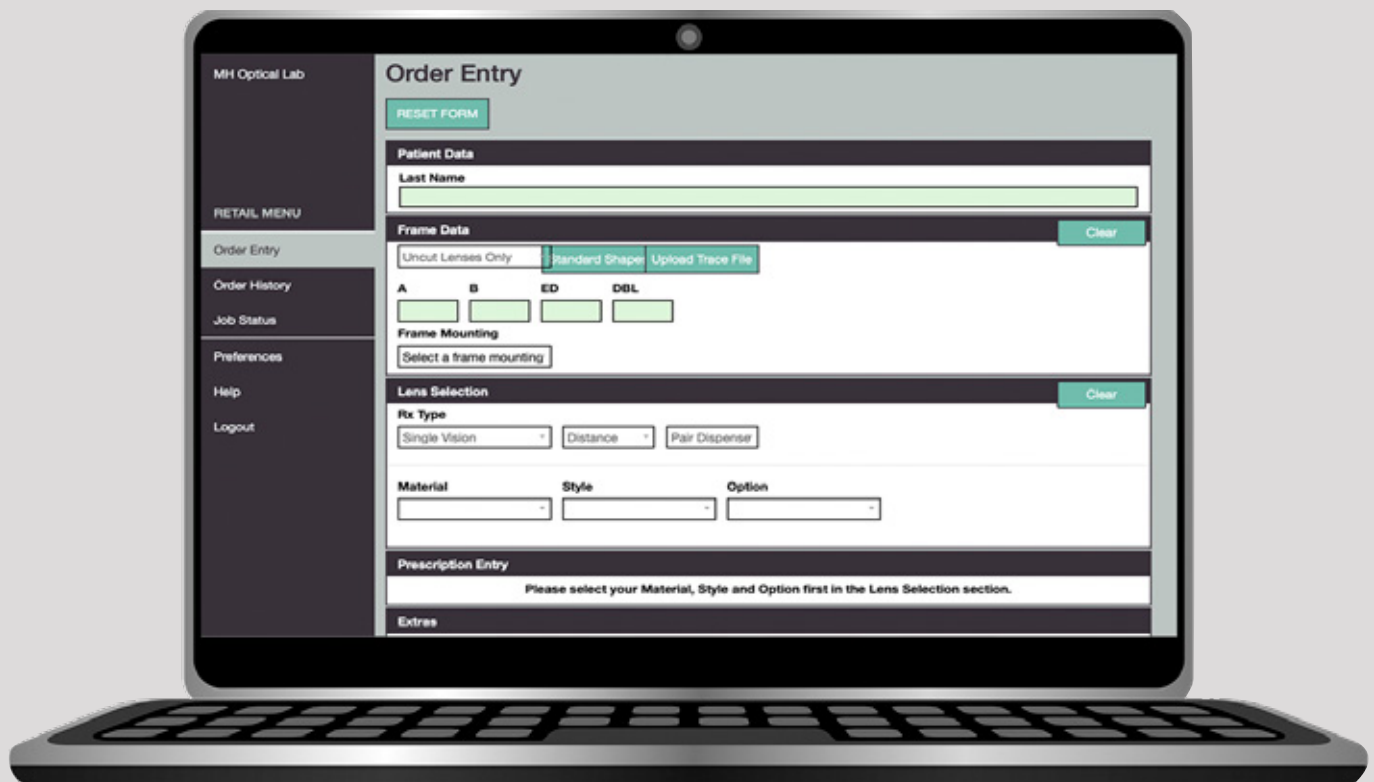
Features and Benefits:

- Fast Turnaround
- Best Sellers Stay On Board
- Available Colors are Tagged On All Frames

ORDERING OPTIONS

We offer a great online ordering program that will place your job into our Lab Management System (LMS) right away, 24/7. Jobs ordered via online ordering get into the lab right away and don't have to wait to be entered by hand. Of course, we're still here to take orders or answer any questions by phone.

Jobs to be done complete (i.e. edged with a frame) can be sent in with UPS, USPS, FedEx, or local messenger service. Ask your rep about our Frame n Lens packages and you can order the frame and lenses you need through online ordering or phone.



The Enhanced Ordering System on mhoptical.com

Online ordering features include:

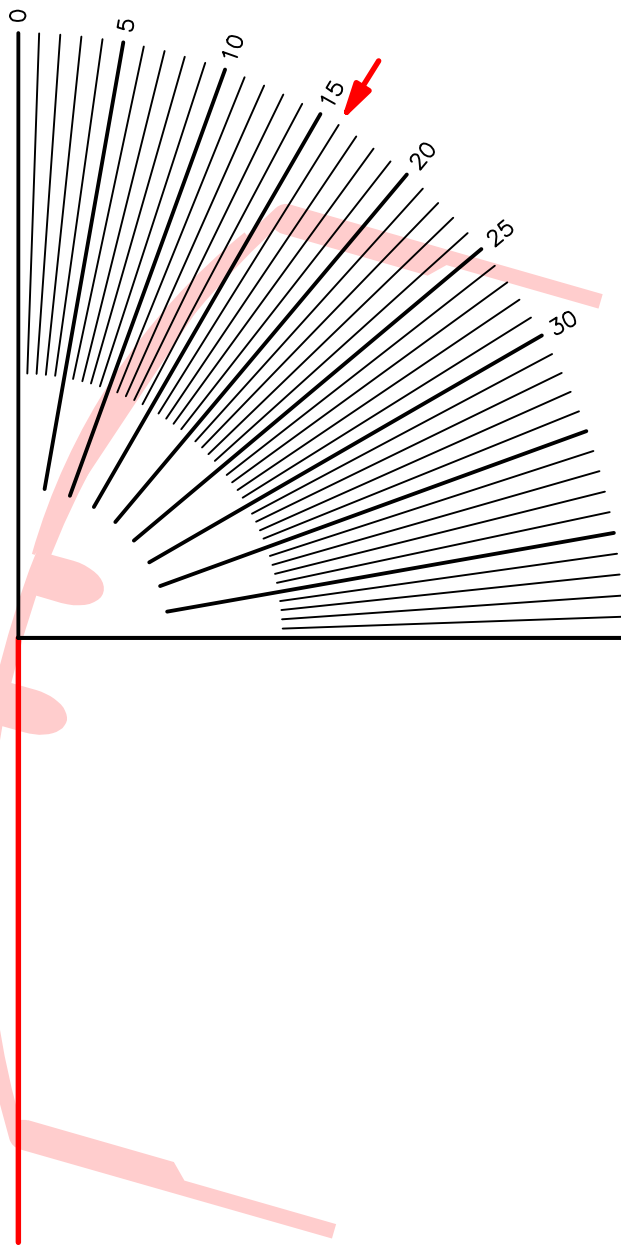
- Order Form
- Order History
- Job Status
- Lens Lookup
- Stock Ordering
- Redo Request

Lens Type	SPH	CYL	ADD	R/S Type	QNTY (pieces)	Patient's Name
Name	PLANO	N/A	N/A	N/A	1	
Name	PLANO	N/A	N/A	N/A	1	
Name	PLANO	N/A	N/A	N/A	1	
Name	PLANO	N/A	N/A	N/A	1	
Name	PLANO	N/A	N/A	N/A	1	
Name	PLANO	N/A	N/A	N/A	1	
Name	PLANO	N/A	N/A	N/A	1	
Name	PLANO	N/A	N/A	N/A	1	

Stock Ordering System on mhoptical.com

CUTOUT CHART

FRAME WRAP ANGLE



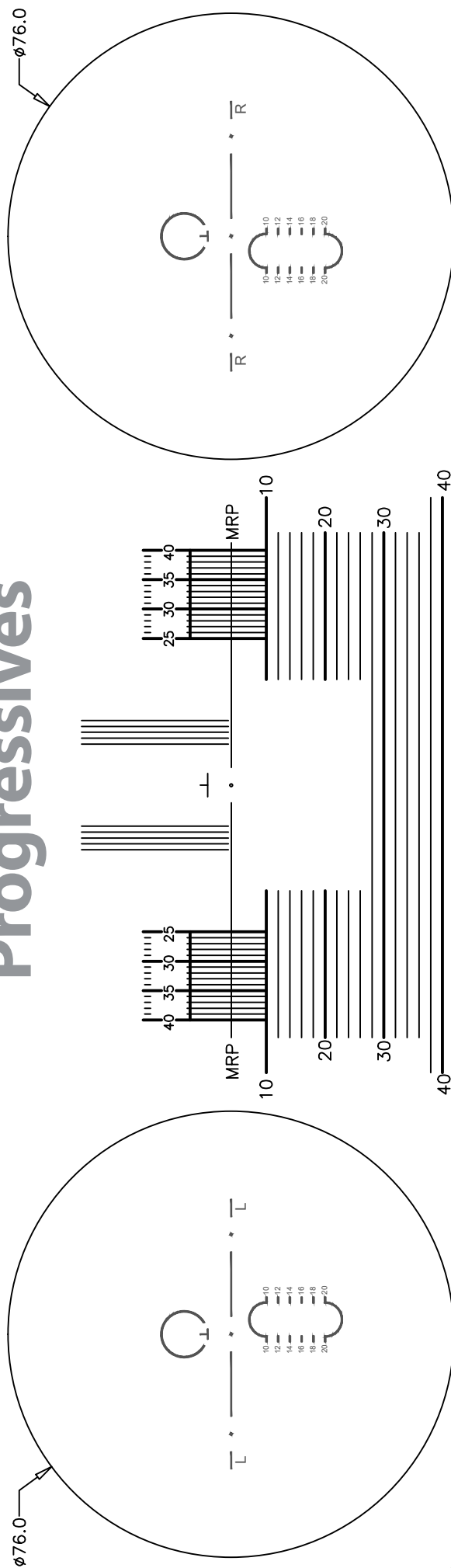
HOW TO MEASURE FRAME WRAP / ZTILT
Place the frame, top side down, over the hi-lited red frame image. Ensure the center of the frame's front is directly over the "T". Record the angle of frame wrap from the extreme right side of where the lens ends, not where the frame ends.

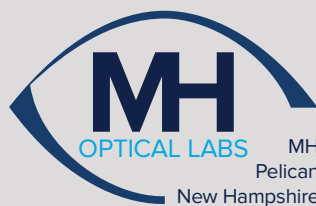
PLEASE NOTE:

This chart will not work as a measurement tool unless printed at exactly 1 to 1 scale. Be sure that your print options are set to Page Scaling: None
DO NOT select "Fit to Printable Area"

1 inch

Progressives





MH Optical
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