

How corridor lengths impact patient satisfaction



Corridor lengths can have an impact on your patient's experience with their eyewear. The technology in many free form progressive lenses uses unique algorithms to determine the best corridor for each patient prescription. **The question is: Is that always the best option? Let's find out!**

Fixed vs. Variable

There really is no difference between fixed and variable corridor lengths. When you select a variable corridor length, the algorithm determines which FIXED corridor to use. This corridor length is calculated based off the B measurement of the frame and the fitting height of the patient. The variable option should be used with a majority of patients as the algorithm will determine the best fixed corridor.

For HOYA lens designs, the corridor length is measured from the fitting height to 100% of the add power. Corridor length options range from 11mm to 17mm, depending on the lens design. The length of the corridor has an impact on the amount of distortion found in the progressive design.

Short vs. Long

In the early 2000's, smaller frame designs became popular. This necessitated the need for a shorter corridor. Frame designs today tend to be larger, and a longer corridor is an option. There are pros and cons to a short corridor. The downside to a short corridor is more distortion, the benefit is the ability to quickly find the reading zone and they can select wider variety of frame size. The downside of a long corridor is the reading tends to be lower than the patient's natural posture and harder to find, and the benefit is less distortion.



Pro Tip:

Using a centration chart to verify all the zones are within the lens shape will dramatically reduce redos.

iD MyStyle® 3

When the fitting height is: (in mm)		Software Chooses: (Corridor Length)
FROM	TO	iD MyStyle 3
14.0	14.9	11
15.0	16.9	12
17.0	17.9	13
18.0	18.9	14
Only available through fixed corridor selections		15
		16

iD LifeStyle® 3

When the fitting height is: (in mm)		Software Chooses: (Corridor Length)
FROM	TO	iD LifeStyle 3
14.0	15.9	11
16.0	17.9	12
18.0	21.9	13
22.0	99.0	14

iD LifeStyle® 4

When the fitting height is: (in mm)		Software Chooses: (Corridor Length)
FROM	TO	iD LifeStyle 4
14.0	15.9	11
16.0	17.9	12
18.0	21.9	13
22.0	99.0	14
Only available through fixed corridor selections		15
		16

Array® 2

When the fitting height is: (in mm)		Software Chooses: (Corridor Length)
FROM	TO	Array 2
14.0	16.9	11
17.0	20.9	13
21.0	26.9	15
27.0	99.0	17

HOYA Progressive Fixed Corridor Guide

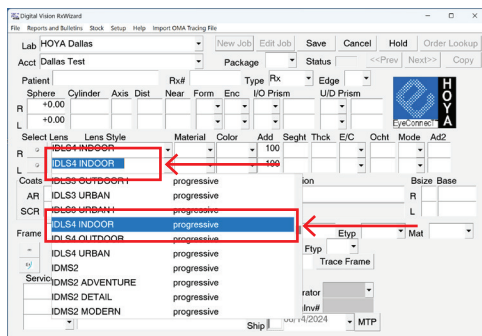
How to order

Please note, the directions below only work with DVI specifically.*



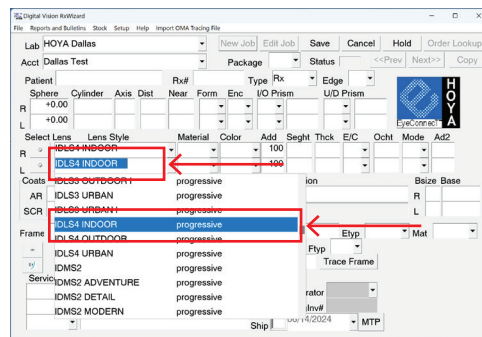
Ordering VL version of IDLS4:

- Select the lens style
- Enter the Rx, PD, fitting height, material, and any coatings or treatments
- Lab will choose appropriate corridor length for fitting height submitted

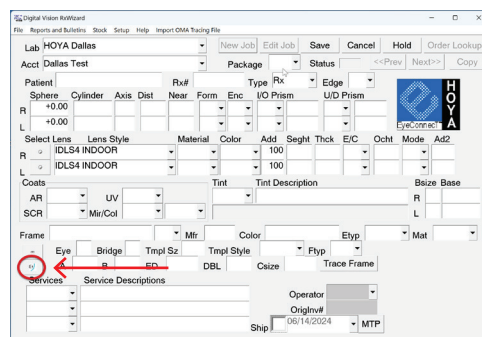


Ordering FIXED CORRIDOR version of IDLS4:

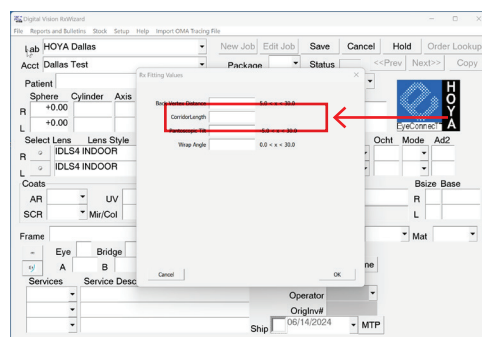
- Select the lens style
- Enter the Rx, PD, fitting height, material, and any coatings or treatments



- Click on "eyeball" icon to open up box for POW measurements



- Type the specific corridor wanted (11, 12, 13, 14, 15, 16) in the box labeled "Corridor Length"



*To order fixed corridor lengths on Vision Web, Eyefinity, and EyeMed please specify the corridor in the "Notes" field.

HOYA
FOR THE VISIONARIES