

Call  
today!

Take care  
of your sight



## Optical Services

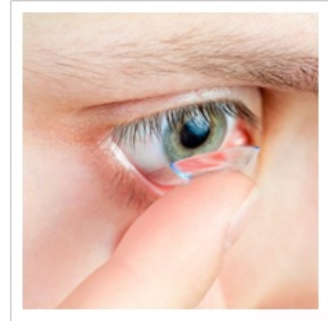
### Wide range of services

We offer a wide range of optical services including:

- General Eye Tests
- Screening for Colour Vision
- Assessment of Depth Perception
- Assessment of Visual Acuity
- Assessment of Visual Fields
- Contact Lens Fitment, Assistance and Supply
- Spectacle Frames and Lenses
- Flight Medical Vision Tests

**FREE** vision testing for Drivers Licence and the issue of a vision certificate

Repairs to all types of spectacles and sunglasses



### Single Vision Lenses

These lenses provide **clear vision at one particular working distance**. Typically they are used for distance (>3m), intermediate (music/computer work) or near (reading/sewing) tasks. They are manufactured in a stock or off the shelf range of prescriptions. If using your own frame a fitting fee will apply.

A minimum of 1.6 index lens material must be used for rimless frames. If your prescription falls outside the stock range then a grind or specially manufactured surcharge applies. Grinding the lens can also make the lens significantly thinner in the Plus prescription ranges. This is recommended for prescriptions greater than +3.00. In higher prescriptions (>4.00) distortion of the image occurs if you look away from the centre of the lens. For people with higher prescriptions it is recommended they have a lens custom made to eliminate these distortions which gives more comfortable viewing. Single Vision Lenses are good for single purpose usage, such as when playing sport, reading in bed or using a computer. Because they only have one focal point then other options are required if multiple viewing distances are required.

Reading the paper and watching television, working in an office environment or shopping in a supermarket are examples of where a Bifocal or Progressive Lens is a better option.

### Extended Focus Spectacle Lenses

These work in a similar fashion to Single Vision Glasses but give more flexibility as they are designed to provide **clear vision over a greater depth**. Recommended for people whose near tasks require clear focus at a number distances.

### Bifocal Spectacle Lenses

Bifocal Lenses enable viewing at two different distances. This technology is largely outdated now and is not prescribed as a first choice very often. Typically they are used as **Distance/Reading glasses** but can be made distance/Intermediate or Intermediate / near glasses depending on their intended usage. They have a distinct line separating the two areas and this can cause trouble with walking, especially up and down steps. They also only give vision in two zones and so do not offer the advantages of a Progressive Lens design.

### Trifocal Spectacle Lenses

Similar to bifocals except they have **focus in three zones**. Rarely used today.

### Progressive Spectacle Lenses

Also known as Multifocal or Graduated Lenses, they provide **clear vision at all distances** from the wearer. This is achieved by changing the prescription of the lens up and down the lens surface to create different focal points. The top of the lens is in focus on distant objects and the bottom of the lens focused on near tasks. The middle portion of the lens is manipulated to focus on intermediate tasks. An unfortunate side effect of the manufacture of progressive lenses is that distortion to the side of the vision is created and if not controlled properly this makes adaptation to the lens difficult. The manufacturing technique used and the quality of lens surfacing is critical to minimizing the effect of this distortion.