

# ambition

## Product information

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### General glazing information

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The distance between the peak of the bevel and the rear surface of the lens in the nasal area should not exceed 5.0 mm so as not to impair the function of the adjustable nose pad (see figures 1+2)

In higher minus-power lenses:

- temple contact with the lens is possible in the temporal area
- the closure of the temple may be obstructed in the temporal area

A lens former is available

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### Specific information for “wrap-around” (8 base) eyewear

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Recommended Rx range: Sph -4.0 dpt. to + 4.0 dpt./cyl. +2.0 dpt.

| eyewear data          | a886 small              | a886 large              | a825 large              |
|-----------------------|-------------------------|-------------------------|-------------------------|
| Boxed dimensions      | 56 x 33 mm              | 59 x 35 mm              | 59 x 32 mm              |
| Horizontal x vertical | {1493 mm <sup>2</sup> } | {1654 mm <sup>2</sup> } | {1360 mm <sup>2</sup> } |
| ED                    | 58 mm                   | 61 mm                   | 58 mm                   |
| Bridge size           | 18 mm                   | 18 mm                   | 18 mm                   |
| Base curve            | 8,0 dpt                 | 8,0 dpt                 | 8,0 dpt                 |
| Frame disk angle      | 20°                     | 20°                     | 20°                     |

The tilted position of the lenses in sharply curved eyewear causes optical side effects such as:

- Astigmatic error and
- Prismatic aberrations

In order to obtain the right eyewear, the lenses should be corrected. You can download the correction program **Silhouette wrap-around** calculator from our website (<http://b2b.silhouette.com>) free of charge. The program integrates all customer data, frame data and lens data into the calculation, in order to obtain the best possible customer-specific correction of all optical aberrations. Please contact your local distributor.

The vertical lens size means that bifocal and progressive lenses can be fitted. However, the lens type must be tailored to the wearer's individual requirements

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Please note:

- Correct the distance refraction using the Silhouette wrap-around calculator
- Do not correct the addition (= difference between the distance prescription and the near prescription)

If using bifocal or progressive lenses, the large bow angle (20°) may make the lenses difficult to wear, so such glazing is carried out under your own responsibility.

Smallest possible diameter of pre-decentred uncut lenses for the wearer's PD:

**Diameter of uncut lens Wearer's PD (individual-PD) in mm (a886)**

|              | 56 18 | 59 18 |
|--------------|-------|-------|
| bis 60/65mm  | ≥ 33  | ≥ 37  |
| bis 65/70mm  | ≥ 31  | ≥ 34  |
| bis 70/75 mm | ≥ 28  | ≥ 32  |
| bis 75/80 mm | ≥ 26  | ≥ 29  |

**Diameter of uncut lens Wearer's PD (individual-PD) in mm (a825)**

|              | 59 18 |
|--------------|-------|
| bis 65/70 mm | ≥ 31  |
| bis 70/75 mm | ≥ 29  |
| bis 75/80 mm | ≥ 26  |
| bis 80/85 mm |       |

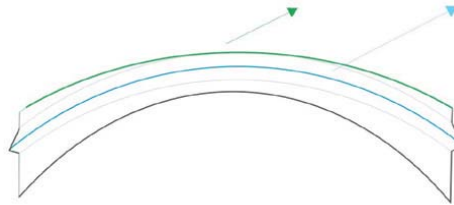
The glazing can be further optimised with higher pre-decentration of the uncut lens and the use of HIX lenses. Please contact your local lens manufacturer.

**Special glazing for minus-power lenses:**

For a larger Rx range and thinner lenses, it is possible to select a 6 base instead of an 8 base front curve.

Important: the bevel curve must remain 8 base – a special grinding machine is required.

Front curve 6 dpt. to bevel curve 8 dpt. is NOT parallel.



**Options for adjusting the eyewear to individual wearers:**

**Inclination**

Inclinable metal hinge (note: only use parallel action pliers with plastic jaws) (see figure 3)

**Temples**

- Marks on the inside of the temples (5 mm spacing) make it easier to shorten the temples (see figures 4-9)
- The temples can be adjusted to the shape of the head and ears (see figures 10-11)
- Temples are available as spare parts (150 mm)

**Ergo-Grip Nose™**

- Variable-width, adjustable, soft nose pad (2 positions – see figures 12-13)
- Traction Grip™ technology (no pressure and non-slip) (see figure 14)

