

Free Form Plastic Single Vision

Nortor Single Vision Digital Design

Nortor single vision digital design lenses are high definition point focal lenses made using an inner surface atoric. This lens offers total flexibility and position of wear values can be individually input or if no information is given Nortor design will default to standard parameters. Specific base (front curves) can be specified to match the curvature of the frame and the Nortor design software corrects the optics accordingly. Where the face form angle exceeds 10 degrees an angle can be specified resulting in a compensated Rx from the original. The pantoscopic tilt can also be specified. The lenses should be fitted as progressives with monocular Pds and fitting heights specified. Nortor lenses are available in clear, Vista-Mesh used to reduce stray light flicker, 8 base Sportor, Transitions, Transitions XTRActive and NuPolar.

Free Form Plastic Bifocals

HD IRS Bifocal IRS28/40mm Seamless

Norville Optical produces a Freeform round 28mm blended edge segment bifocal design. Similar to inner surface progressive designs here the segment also incorporates any cylindrical element. They have the advantage of atoral curve correction for point focus vision right across the full lens beyond the segment limits both for the distance and around the segment area.

Free Form Plastic Progressive

Ultor HD ISP

Norlite Ultor is a freeform inner surface progressive lens. There are 7 minimum recommended fitting heights from 14mm. Ordering 'Autoselect' will always select the best design. These are General, Outdoor, Desk. Fit as normal progressives: mono PDs and fitting heights. The fitting cross is 4 mm above the midpoint between the horizontal locators.

Ultor HD Corridor Designs

Corridor Length* (from PRP to top of NV checking circle)	Full Progression Length (from start of progression to top of NV circle)	Minimum Fitting Height (from lowest tangent top of bottom rim)	Minimum Frame Depth	Fitting Cross Height above PRP
6mm XS	10mm	14mm	22mm+	+4mm
7mm	11mm	15mm	23mm+	+4mm
8mm S	12mm	16mm	24mm+	+4mm
9mm	13mm	17mm	25mm+	+4mm
10mm M	14mm	18mm	26mm+	+4mm
11mm	15mm	19mm	27mm+	+4mm
12mm L	16mm	20mm	28mm+	+4mm

Sentor HD ISP

The Norville Sentor is a freeform inner surface progressive lens and benefits from a slightly harder design. It is available in seven corridor lengths giving a minimum fitting height of 14mm. Ordering 'Autoselect' will always select the best Rx optimisation. It is available in two forms General or Outdoor. Fit with mono PDs and fitting heights, Pantoscopic Tilt, BDV and Frame Wrap Angle. The Sentor fitting cross is 4mm above the MRP. General and Outdoor designs only.

Sentor SG & SO Corridor Designs

Corridor Length* (from PRP to top of NV checking circle)	Full Progression Length (from start of progression to top of NV circle)	Minimum Fitting Height (from lowest tangent top of bottom rim)	Minimum Frame Depth	Fitting Cross Height above PRP
6mm XS	10mm	14mm	22mm+	+4mm
7mm	11mm	15mm	23mm+	+4mm
8mm S	12mm	16mm	24mm+	+4mm
9mm	13mm	17mm	25mm+	+4mm
10mm M	14mm	18mm	26mm+	+4mm
11mm	15mm	19mm	27mm+	+4mm
12mm L	16mm	20mm	28mm+	+4mm

*AUTOSELECT - COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Screen ISP

The Norville Screen is a new freeform inner surface progressive lens that is specifically designed for mobile users. It is available in seven corridor lengths giving a minimum fitting height of 14mm. Ordering 'Autoselect' will always select the best Rx optimisation. It is available in 29 ordering options and is designed to improve the visual experience when using electronic devices. Fit with mono PDs and fitting heights. The Screen fitting cross is 4mm above the MRP.

Screen Corridor Designs

Corridor Length* (from PRP to top of NV checking circle)	Full Progression Length (from start of progression to top of NV circle)	Minimum Fitting Height (from lowest tangent top of bottom rlm)	Minimum Frame Depth	Fitting Cross Height above PRP
6mm XS	10mm	14mm	22mm+	+4mm
7mm	11mm	15mm	23mm+	+4mm
8mm S	12mm	16mm	24mm+	+4mm
9mm	13mm	17mm	25mm+	+4mm
10mm M	14mm	18mm	26mm+	+4mm
11mm	15mm	19mm	27mm+	+4mm
12mm L	16mm	20mm	28mm+	+4mm

*AUTSELECT - COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Freeway HD ISP

The Norville Freeway is a freeform inner surface progressive lens specially engineered for driving with wide intermediate and distance areas. Also suitable for golfers and pilots It is available with a minimum fitting height of 18mm. Ordering 'Autoselect' will always select the best Rx optimisation. Fit as normal progressives: mono PDs and fitting heights but it can be individualised with extra provided fitting parameters.

Digitor Plus DHD

The Norville Digitor Plus lens features a variable front surface base curve that provides the optically ideal base curve across all viewing zones. Depending on the power each lens comes from a different base curve that continually increases in dioptre from centre to edge. The HD inner calculation provides a more personalised outcome using either average position of wear parameters or by measurements supplied. All Digitor Plus lenses benefit from being available up to a +4.50D Addition.

Simage HD

The Norville Simage lens is an alternative progressive design philosophy that is both uncomplicated yet effective. Based on the Image front surface progressive design, rather than a traditional spherical or toric inner surface an atoral freeform inner surface is used. With a minimum fitting height of 18mm the lens is supplied with averaged position of wear parameters or your own measured values can be used.

Vector & Vector Extra Short ISP

The Norville Vector is a freeform generated inner surface progressive lens. It is available in two corridor lengths: 11 and 15mm. Ordering 'Autoselect' will always select the best Rx optimisation. Fit as normal progressives: mono PDs and fitting heights. The Vector fitting cross is 2mm above the MRP. General design only available. Maximum prism 3^Δ.

Resolve HD

The Norville Resolve lens is an inner surface progressive lens especially designed as a remedial progressive for patients that previously wore bifocals and are reluctant to go into a standard progressive. It has a super soft general wear design with extra smooth transition between wide visual fields and minimal lateral astigmatism. Progression lengths are from 10mm to 16mm and the fitting cross is 4mm above prism reference point.

Free Form Glass Progressive

Vector & Vector Extra Short ISP Glass

The Norville Vector is a freeform generated inner surface progressive lens. It is available in two corridor lengths: 11 and 15mm. Ordering 'Autoselect' will always select the best Rx optimisation. Fit as normal progressives: mono PDs and fitting heights. The Vector fitting cross is 2mm above the PRP. General design only available. Maximum prism 3^Δ.

Hawk HD Glass

The Norville Hawk is a hard design freeform generated inner surface progressive lens. It is available in three corridor lengths: 10, 12 and 14mm. Ordering 'Autoselect' will always select the best Rx optimisation. Fit as normal progressives: mono PDs and fitting heights. The Hawk fitting cross is 4mm above the PRP. General design only available. Maximum prism 3^Δ.

Ultor HD ISP

Norlite Ultor is a freeform inner surface progressive lens. There are 7 minimum recommended fitting heights from 14mm. Ordering 'Autoselect' will always select the best design. These are General only designs and are not available as Outdoor or Desk designs. Fit as normal progressives: monoPDs and fitting heights. The fitting cross is 4 mm above the midpoint between the horizontal locators.

ProDrive HD Glass

The Norville ProDrive is a hard design freeform generated inner surface progressive lens. It has a very wide distance and intermediate zone especially for viewing the dashboard. It is available in 14mm Progression Length. Ordering 'Autoselect' will always select the best Rx optimisation. Fit as normal progressives: mono PDs and fitting heights. The ProDrive fitting cross is 4mm above the PRP. General design only available. Maximum prism 3^Δ.

Free Form Plastic Vocational Lenses

Bureau HD

The Norville Bureau HD is a freeform inner surface vocational progressive lens that benefits from a soft design with a comfortable transition between distances. The minimum fitting height is 12mm but to obtain the maximum benefit of the full reading area the lens should be fitted at around 18mm. For indoor use only.

Free Form Plastic Degressive Lenses

Norlite Versatile Office HD

Norlite Versatile is mainly a Freeform Enhanced Reading Lens available in a wide range of materials. It is available in all degressive (minus) powers from -0.50 to -2.50 in 0.25 steps. Order by Reading Rx with distance Pds Minimum fitting height 16mm

Free Form Low Addition Lenses

Booster HD

The Norville Booster HD is a freeform distance single vision lens for pre-presbyopic patients 40 - 50 years. Booster power portion is available in three additive powers +0.37D, +0.62D or +0.87D depending on the accommodative needs of the patient. Order as standard distance Rx with Booster A at +0.37D or Booster B at +0.62D or Booster C at +0.87D Addition. Minimum fitting height 16mm.

Free Form Lifestyle Lenses

Sportor SV

Norville Sportor lenses are Inner Surface Atoric Freeform generated single vision lenses modified to a +6.00 or +8.00 base lens blank. This can also incorporate (if available) changes in back vertex distance, face form angle or pantoscopic angle. This creates a compensated Rx at the central axis of view. Ordering Sportor lenses give the full Rx, face form angle, pantoscopic angle, back vertex distance of trial frame and actual, optical centres and heights, pupil diameter and a near reading distance for progressive version. Cyls to +6.00 where possible.

SportPal Progressive HD

Norville SportPal lenses are Inner Surface Atoric Freeform generated progressive lenses modified to a +6.00 or +8.00 base lens blank. This can also incorporate (if available) changes in back vertex distance, face form angle or pantoscopic angle. This creates a compensated Rx at the central axis of view. Ordering SportPal lenses give the full Rx, face form angle, pantoscopic angle, back vertex distance of trial frame and actual, optical centres and heights, pupil diameter and a near reading distance for progressive version. SportPal in progressive is available in 1.53 Trivex, 1.59 Polycarb, 1.60 and 1.67 only with minimum fitting heights of 14mm to 20mm. Indicate Autoselect for optimum fitting heights **Adds 0.75 to 3.50**.