

AFAR-SV



Those driving for long periods, especially at night time, may feel visually insecure due to reduction of their visual capacity. Night myopia is a phenomenon that affects one out of three wearers. It causes a loss of their ability to focus on distant objects at night.

AFAR-SV has a specific night vision zone in the upper part of the lens that helps compensate the refractive error difference that occurs between day and night by up to 0.25D. This provides the wearer with superior visual acuity, reducing stress and visual fatigue so common when driving at night.

Not to be underestimated, **AFAR-SV** design incorporates Nortor-SV Digital HD design, providing extremely good visual quality at every point on the lens from centre to edge, regardless of the prescription or frame selected.

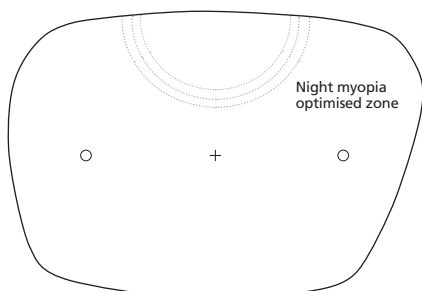
AFAR-SV design can be further combined with **VISTA-MESH** lens material for outstanding night driving performance.

All **AFAR** variants come with RF coating, a choice of either regular emerald reflex or blue - considered by some to be advantageous for night driving.

Day & Night Driving Single Vision

Lens Markings

The lenses are marked with VERTICAL arrow heads placed in a circle for reference points.



Ordering

Order as prescribed Rx for distance vision.

Larger eye sizes recommended.

Fitting


AFAR-SV lenses are fitted to pupil centres vertically and horizontally. Avoid fitting too high, leave 13mm above fitting point.

Lenses are only supplied with multi-layer RF lens coating which, unless specified otherwise, will be K coat emerald reflection-free coating. Additionally, prescribers can opt for Vista-Mesh, so doubling up the added night advantageous properties for the ultimate driving lens.

Some may prefer blue reflex lens coating.

User Key Points

Ideal for drivers of all ages

Wide and clearer high definition  lens design with night myopia corrected at key outward vision spot to provide enhanced day and night sharp vision spot.

Individual personalisation data can be provided or otherwise will default to standard values:

- Pantoscopic Tilt Angle 7°
- BVD 12mm
- Wrap Angle 5°

DIGITAL INNER SURFACE DISTANCE MYOPIA ZONE

		LENS CODE					COATING	UNCUT	GLAZED
1.50	OUT5	AFAR-SV HD	13mm	+ PLUS	75	MINUS -		25.15	29.15
				6.00		6.00		29.15	33.15
1.50	OUDR	AFAR-SV HD Transitions® DRIVEWEAR® 35% - 22% - 12% LT	13mm	+ PLUS	75	MINUS -		53.15	58.15
				6.00		6.00		57.15	62.15
1.53	OUTT	TRIVEX AFAR-SV HD	13mm	+ PLUS	75	MINUS -		33.45	38.45
				6.00		6.00		36.45	41.45
1.53	OUDW	TRIVEX AFAR-SV HD Transitions® DRIVEWEAR® 35% - 22% - 12% LT	13mm	+ PLUS	75	MINUS -		53.15	57.15
				6.00		6.00		57.15	62.15
1.56	OUVM	VISTA-MESH AFAR-SV HD 90% LT FILTER	13mm	+ PLUS	75	MINUS -		31.50	36.50
				6.00		6.00		35.50	40.50
1.59	OUTP	POLYCARB AFAR-SV HD	13mm	+ PLUS	75	MINUS -		32.35	37.35
				6.00		6.00		36.35	41.35
1.60	OUT6	AFAR-SV HD UV410	13mm	+ PLUS	75	MINUS -		44.15	48.15
				8.00		8.00		48.15	52.15
1.60	OUTR	TRIBRID AFAR-SV HD	13mm	+ PLUS	75	MINUS -		40.50	47.50
				8.00		8.00		44.50	51.50
1.67	OUT7	AFAR-SV HD UV410	13mm	+ PLUS	75	MINUS -		47.10	51.10
				10.00		10.00		51.10	55.10

OPPOSITE CYLS TO 6.00DC

AFAR-SV HD

Inner Surface Single Vision (Night Myopia)

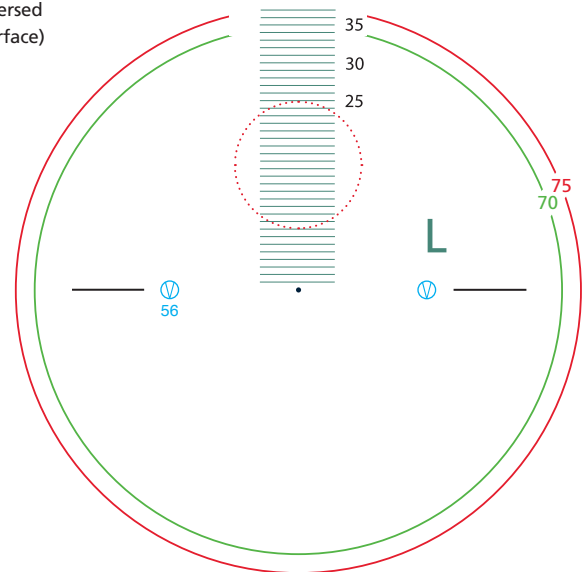
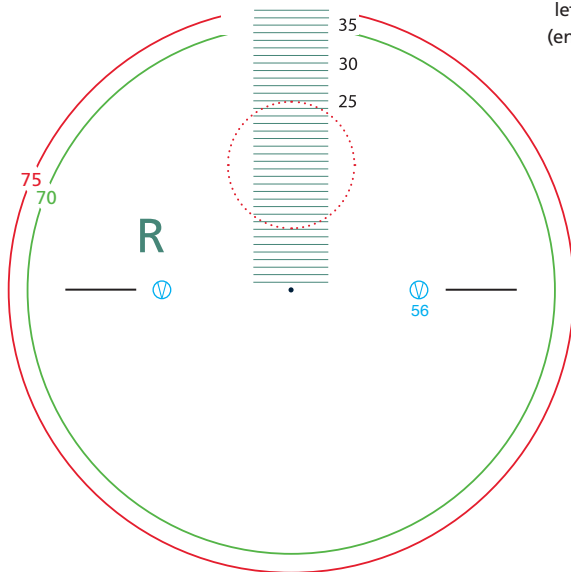
Right Eye

Effective Diameter Chart

Left Eye

Viewed from front

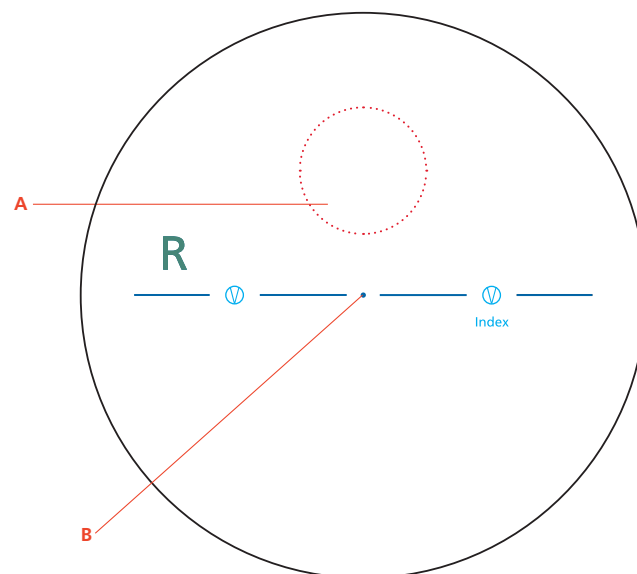
NB: In practice the engraving
lettering shown will be reversed
(engraved from the back surface)



Lens Marking Layout

Index is shown as:

1.50 CR39	50
1.53 Trivex	53
1.56 Vista Mesh	56
1.59 Polycarb	59
1.60	60
1.67	67



- Permanent engraved marks
- Removable ink markings

Right eye uncut **viewed from front**

A : night vision zone

B : fitting cross coincident with prism
reference point



Manufactured in our Gloucester UK Laboratory

AFAR HD



Upgrade from **FREEWAY** for those wearers who find night myopia an issue.

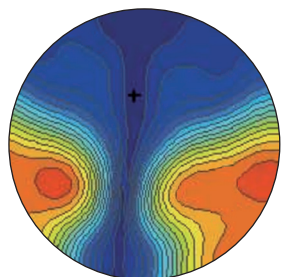
Essential aid for professional drivers covering long driving distances both daytime and night hours.

AFAR progressive has an unique night myopia area with increased minus enabling superior night quality vision from a totally new lens design. This provides drivers with excellent visual quality at night, so reducing stress and visual fatigue very often attributed to night-time driving. Fully compensated to as-worn position design.

Specify **Vista-Mesh AFAR** for the ultimate in driver vision efficiency and comfort.

All **AFAR** variants come with RF coating, a choice of either regular emerald reflex or blue - considered by some to be advantageous for night driving.

HD Day & Night Driving Progressive



Fully compensated to as-worn position

Individual personalisation data can be provided or otherwise will default to standard values:

- Pantoscopic Tilt Angle **7°**
- BVD **12mm**
- Wrap Angle **5°**
- Inset **2.5 or Variable as RX**

Characteristics

New specialist driving lens specifically for those frequent long distance night drivers.

AFAR enables wider distance, +28% and intermediate vision, +20% with lateral distortions minimised to improve peripheral vision.

Unique night vision zone balances the effect of night myopia.

Additionally prescribers can opt for **Vista-Mesh** so doubling up the added night advantageous properties for the ultimate driving lens.

User Key Points

Night Touring

Night myopia corrected distance vision - all round improved visual fields.

Visual fatigue reduction whilst driving at night



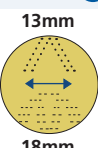

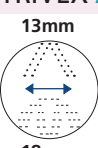


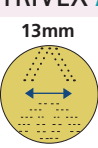


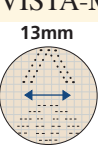


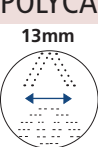


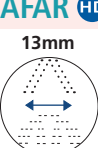


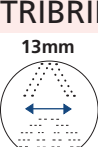


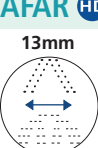


Full individualisation including, where specified, plus eight base goggle Rx corrections.


Fitting

Avoid fitting shallow eye shapes.

Larger deeper eye shapes recommended.

SPECIALIST PROGRESSIVE DISTANCE MYOPIA ZONE

		LENS CODE				COATING	UNCUT	GLAZED
1.50	new	OST5	AFAR HD PROGRESSIVE		<div><div>+ PLUS</div><div>6.00</div><div>75</div><div>MINUS -</div><div>6.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		35.85	39.85
							39.85	43.85
1.50	new	OSDR	AFAR HD PROGRESSIVE Transitions® DRIVEWEAR® 35% - 22% - 12% LT		<div><div>+ PLUS</div><div>6.00</div><div>75</div><div>MINUS -</div><div>6.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		64.85	69.85
							68.85	73.85
1.53	new	OSTT	TRIVEX AFAR HD PROGRESSIVE		<div><div>+ PLUS</div><div>6.00</div><div>75</div><div>MINUS -</div><div>6.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		47.35	52.35
							51.35	56.35
1.53	new	OSDW	TRIVEX AFAR HD PROGRESSIVE Transitions® DRIVEWEAR®		<div><div>+ PLUS</div><div>6.00</div><div>75</div><div>MINUS -</div><div>6.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		64.85	69.85
							68.85	73.85
1.56	new	OSVM	VISTA-MESH AFAR HD PROGRESSIVE 90% LT FILTER		<div><div>+ PLUS</div><div>6.00</div><div>75</div><div>MINUS -</div><div>6.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		44.35	49.35
							48.35	53.35
1.59	new	OSTP	POLYCARB AFAR HD PROGRESSIVE		<div><div>+ PLUS</div><div>6.00</div><div>75</div><div>MINUS -</div><div>6.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		42.85	47.85
							46.85	51.85
1.60	new	OST6	AFAR HD PROGRESSIVE UV410		<div><div>+ PLUS</div><div>8.00</div><div>75</div><div>MINUS -</div><div>8.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		55.20	59.20
							59.20	63.20
1.60	new	OSTR	TRIBRID AFAR HD PROGRESSIVE		<div><div>+ PLUS</div><div>8.00</div><div>75</div><div>MINUS -</div><div>8.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		55.55	62.55
							59.55	66.55
1.67	new	OST7	AFAR HD PROGRESSIVE UV410		<div><div>+ PLUS</div><div>10.00</div><div>75</div><div>MINUS -</div><div>10.00</div></div> <div>Adds 0.50 to 4.50 in 0.25 steps</div>		62.90	66.90
							66.90	70.90

 Variable reading inset - 0 to 4.00mm in 0.50mm steps available.
 If measured please state at time of ordering otherwise standard inset values apply.
 When coating required add £1.00 per lens extra

OPPOSITE CYLS TO 6.00DC

AFAR HD

Inner Surface Progressive

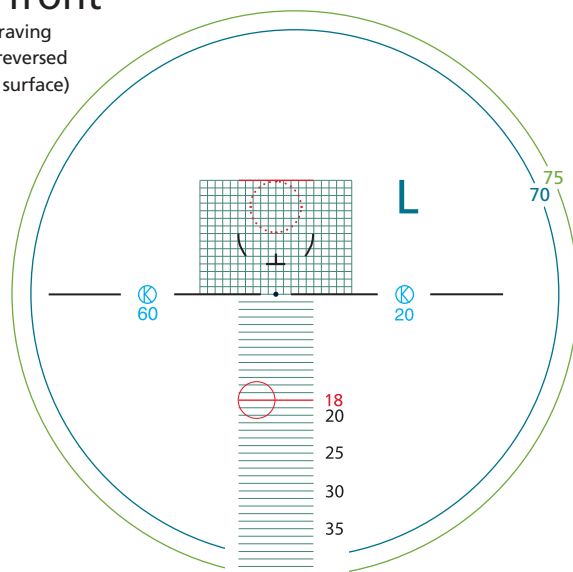
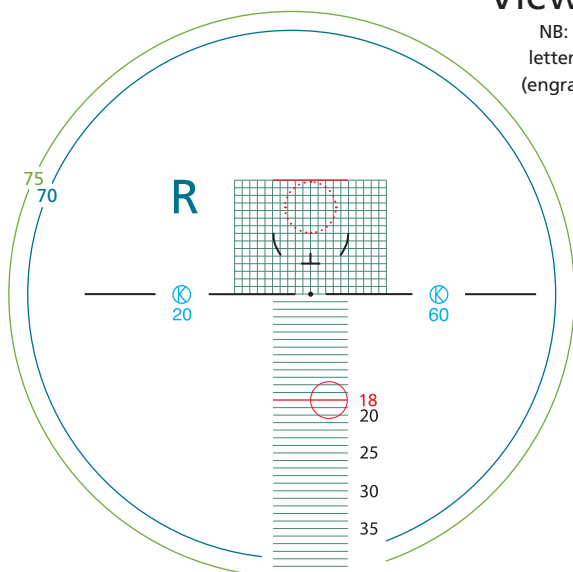
Right Eye

Effective Diameter Chart

Left Eye

Viewed from front

NB: In practice the engraving lettering shown will be reversed (engraved from the back surface)



Up & Down Limits

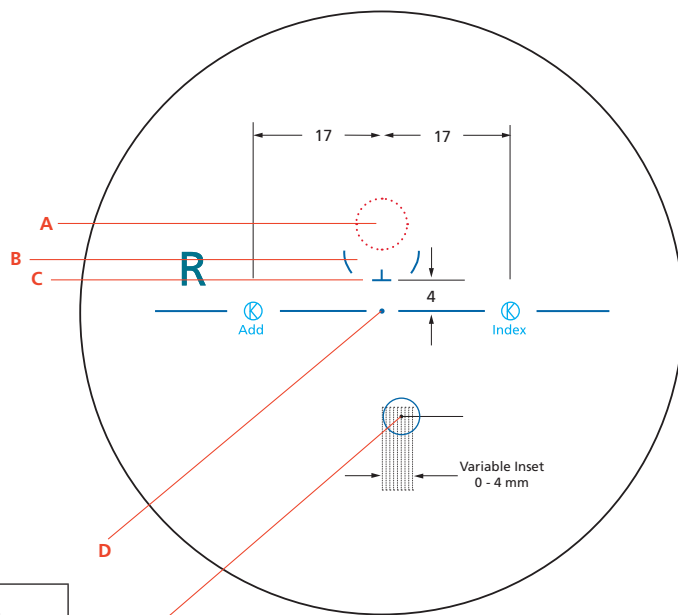
Lens Marking Layout

Add is shown as:

+0.50	05	+2.75	27
+0.75	07	+3.00	30
+1.00	10	+3.25	32
+1.25	12	+3.50	35
+1.50	15	+3.75	37
+1.75	17	+4.00	40
+2.00	20	+4.25	42
+2.25	22	+4.50	45
+2.50	25		

Index is shown as:

1.50 CR39	50
1.53 Trivex	53
1.56 Vista Mesh	56
1.59 Polycarb	59
1.60	60
1.67	67



AFAR HD Corridor Design

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
10mm	14mm	18mm	33mm+	+4mm

- Permanent engraved marks
- Removable ink markings

Right eye uncut viewed from front

- A : night vision zone
- B : far vision zone
- C : fitting cross 4 above PRP
- D : prism reference point (PRP)
- E : near vision zone



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