

novaeyewear.com



COMPLETE EYEWEAR

# NOVA PLUS 3.0



LIFESTYLE SERIES

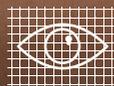
#yourpal

#novapal

Powered by



DIGI-CONTOUR  
TECHNOLOGY



ABERRATION  
FILTER SYSTEM



MULTI ASPHERIC  
TECHNOLOGY



BINOCULAR  
BALANCING SYSTEM



COMPLETE EYEWEAR



A WORLD OF COMPLETE EYEWEAR SOLUTIONS

---



LENSES



FRAMES



SUNGLASSES



# BRAND PROMISE

#visionmeetsfashion  
#madeforyou





YOUR LIFESTYLE  
MATTERS @ 40



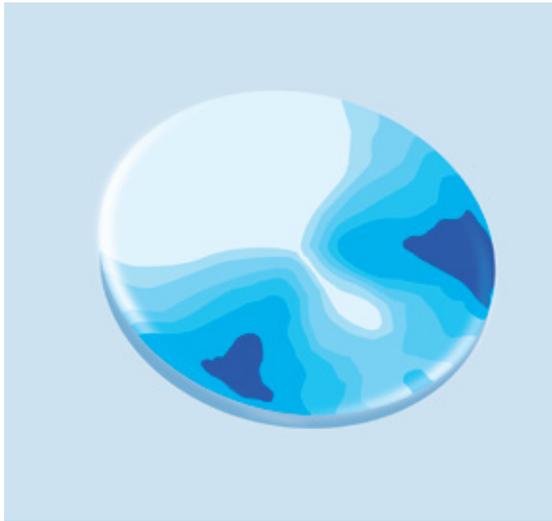
YOUR PERFECTION  
MATTERS @ 40



**Digi-Contour Technology** has resulted in numerous lens advancements and stands to be one of the most dynamic technological innovations in eyewear industry.

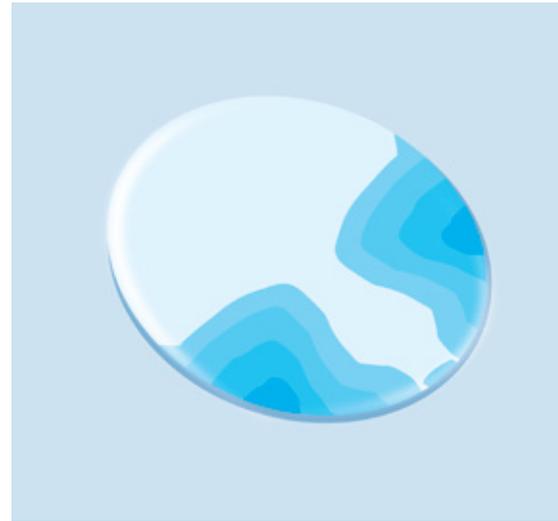
With the help of this technology, wearers can actually receive corrective lenses designed especially to accommodate his/her exact visual requirement.

Contrast rich image with wider fields of vision compared to conventional lenses. Remarkably clear image with insignificant distortion in the peripheral areas due to less astigmatism.



**Conventional Technology**

+1.50 Ds/+2.50 Dc Axis 180°, N. Add. +2.00 Ds

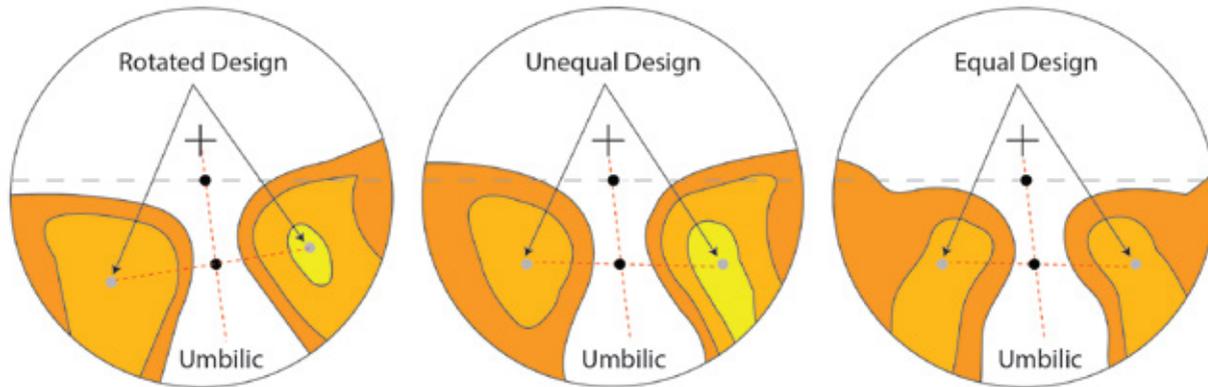


**Digi-Contour Technology**

+1.50 Ds/+2.50 Dc Axis 180°, N. Add. +2.00 Ds

Based on the series of contour plots from various PALs available and by calculating the mean deviations, each design has been produced with region-wise contour plots.

With advanced design calculations, it is possible to adjust the mean deviations of Nova PALs to better acceptable limits with perfect balance of Distance, Intermediate and Near Vision Zones.



**Conventional Symmetry**

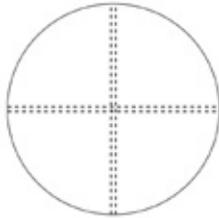
**Conventional Asymmetry**

**Horizontal Symmetry**

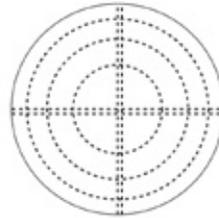


## **NOVA PAL - from the sphere to the individual design**

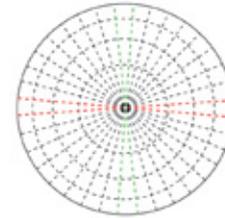
Multi Meridian Processing calculates precisely numerous meridians on the back surface of the lens.



**Spheric**



**Aspheric**



**Multi Aspheric**



In order to achieve the maximum clarity in the peripheral zones of the lens, the spherical and cylindrical power meridians are aspherised.

With Multi Aspheric Technology, it is possible to reduce the distortions associated with both the Spherical and Cylindrical Power elements by using non-rotational symmetrical surface, in which the asphericity varies from meridian to meridian.

It provides unrestricted fields of clear vision.



### CONVENTIONAL PAL

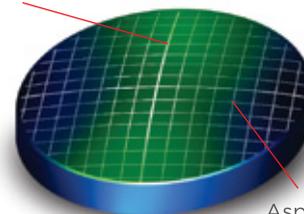
Higher levels of aberrations with smaller vision zones.



### NOVA PAL

Reduced aberrations with wider vision zones.

Aspherised for cylinder power

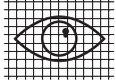


Aspherised for sphere power

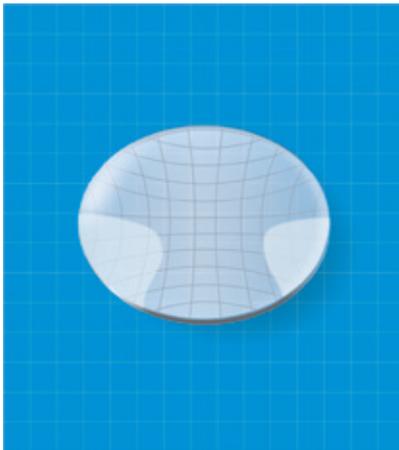
Front sphere  
Equal curves in all meridians



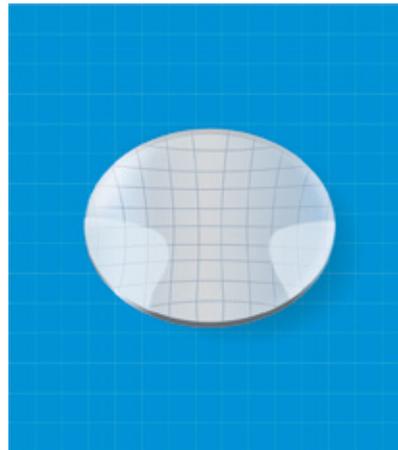
Back  
Freeform  
Correct asphericity in all meridians



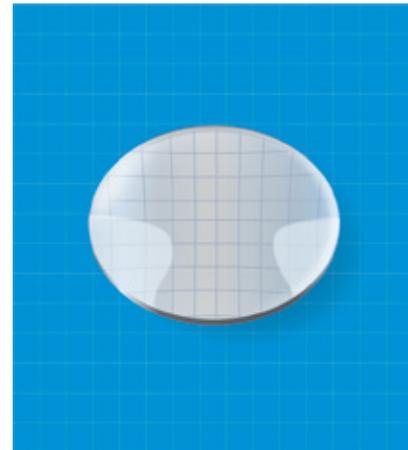
In Aberration Filter System, with high precision optimisation of power characteristics and selective design, aberrations and distortions are greatly reduced.



Spheric Lens



Aspheric Lens



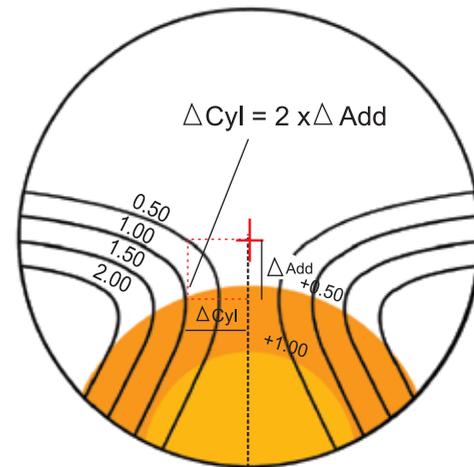
Multi Aspheric Lens

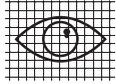


With the help of Aberration Filter System, it is possible to reduce the oblique aberrations according to the tilt of the lens & also curb down Higher Order Aberrations to a great extent.

It allows much better correction of the oblique and higher order aberrations by controlling the relative curvature changes through creation of arbitrary surfaces as per available scope.

In other words, it is possible to optimise the lens for all gazes, according to the visual requirements of each wearer.





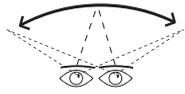
**CONVENTIONAL PAL**

Distortion at the periphery  
with conventional PAL .



**NOVA PAL**

Natural and clear vision at the  
periphery with reduced distortions.

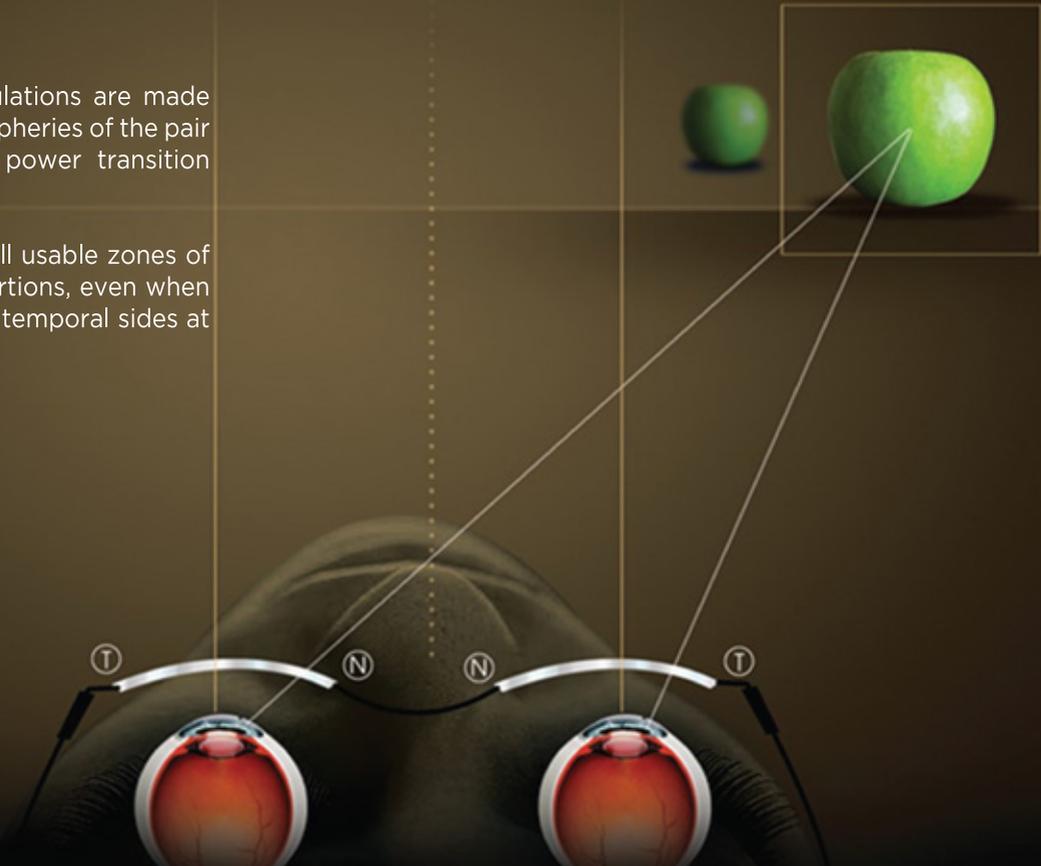


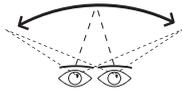
## BINOCULAR BALANCING SYSTEM

#eliminates distortions

Binocular Balancing System calculations are made to connect all the points in the peripheries of the pair of lenses to create the smoothest power transition possible.

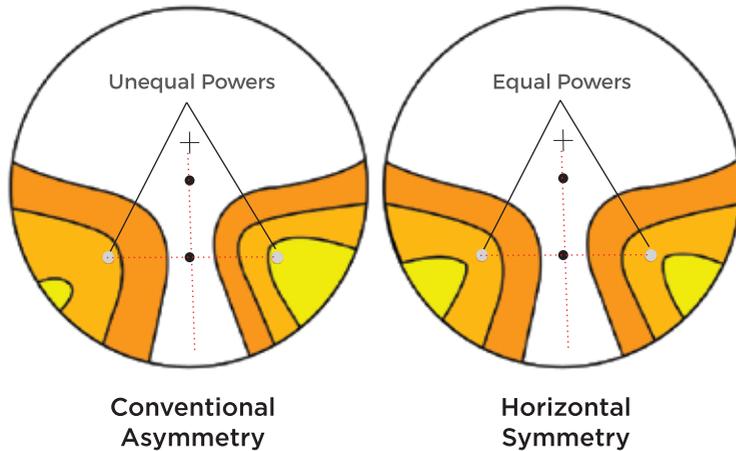
NOVA PAL offers clear vision at all usable zones of the lens, reducing unwanted distortions, even when the image is viewed from nasal & temporal sides at the same time.





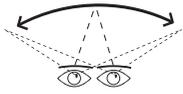
## BINOCULAR BALANCING SYSTEM

#enhanced peripheral vision



It is the power-based balancing method, where the differences in Near Addition powers at the position, where the line of sight passes, are reduced, and the vision is corrected with less blur and better balance.

The image received by each eye is nearly same in terms of clarity and distortions produced within the corridor and peripheral zones.



## **BINOCULAR BALANCING SYSTEM**

#comfortable peripheral vision



### **CONVENTIONAL PAL**

Unwanted distortions when the image is viewed from nasal and temporal sides at the same time.



### **NOVA PAL**

Nova PAL offers clear vision in all zones of the lenses, eliminating unwanted distortions, even when the image is viewed from nasal and temporal sides at the same time.

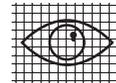


- # Wider visual fields
- # Smooth transition between visual zones
- # Smooth Adaptation
- # Enhanced Peripheral Vision
- # Optimised Dynamic Vision

Powered by



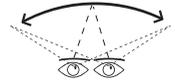
DIGI-CONTOUR  
TECHNOLOGY



ABERRATION  
FILTER SYSTEM



MULTI ASPHERIC  
TECHNOLOGY



BINOCULAR  
BALANCING SYSTEM

Conventional lens



Wearer needs to adapt to different visual fields ( distance, mid & near)

# NOVA PLUS 3.0

Nova Plus 3.0



- # Wider visual fields
- # Smooth transition between visual zones
- # Smooth Adaptation
- # Enhanced Peripheral Vision
- # Optimised Dynamic Vision

Powered by



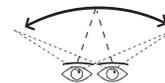
DIGI-CONTOUR  
TECHNOLOGY



ABERRATION  
FILTER SYSTEM



MULTI ASPHERIC  
TECHNOLOGY



BINOCULAR  
BALANCING SYSTEM

VRX<sup>™</sup>  
VISION RX LAB