



Enjoy the Nature Naturally ...

Multi Diff

Diffractive - Refractive Multifocal
Hydrophilic Acrylic Intraocular Lens

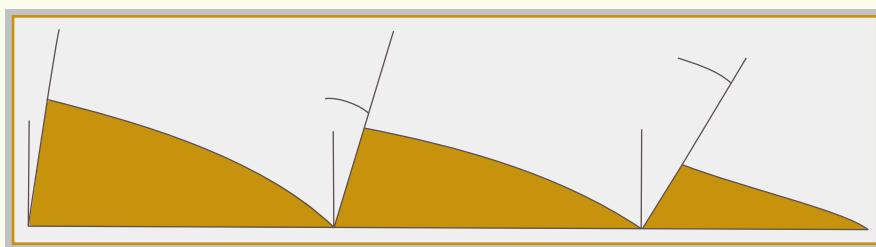


About

MULTI DIFF is made of highly Biocompatible HEMA material, with 26% water content is fabricated by Polish Free Nano Lathe Cut Technology with minimal spectacle dependency.

Optic Design

- MULTI DIFF IOL has a Diffractive-Refractive Square edge Multifocal IOL
- The central zone is of 5.0 mm diameter has 20 diffractive zones. The remaining 1.0 mm portion of the lens has the refractive zone
- The step height gradually declines towards the periphery
- The light is evenly distributed between all focal points (near, intermediate & distant) resulting in a crystal clear vision from all distance
- MULTI DIFF has +3.5D additional power to separate the near and distant images, thus making them distinctive.



Aspheric Optics

- The negative asphericity provided in MULTI DIFF affords better visual quality than any other spherical IOL
- The Negative Asphericity ensures a good combination between Asphericity and Depth of Perception
- The unique anterior diffractive design reduces halos and yields superior vision
- The Aspheric optic of the MULTI DIFF IOL design aligns light rays to compensate for Positive Corneal Spherical Aberration, resulting in enhanced image quality



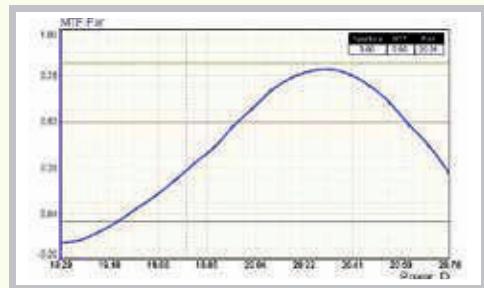
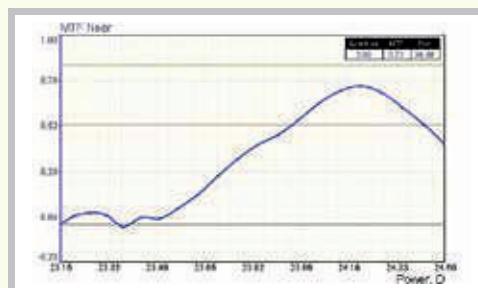
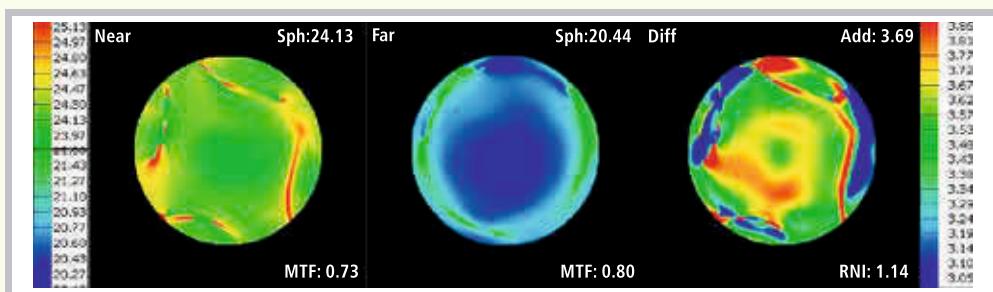
Spherical IOL



Aspheric IOL

Assured Quality & High Contrast

- 100% Quality check using IOLA-MFD for diffraction, MTF and Airforce target methods
- Each **MULTI DIFF** diffractive-refractive Multifocal IOL is individually tested for MTF



Thanks to latest Nano technology, **MULTI DIFF** IOLs always yield accurate refraction. Aspheric Optics & innovative Diffractive-Refractive design gives high contrast under all light conditions.



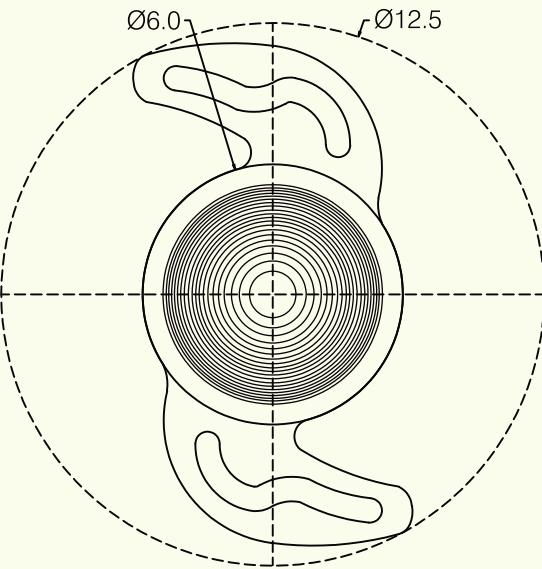
OTHER IOL



MULTI DIFF IOL

Features

- Good functional vision from all distances
- Excellent patient satisfaction
- Enjoy the crystal clear vision under all light conditions
- Independent of Pupil size



Technical Specification

Ref	MFD605 (Clear IOL) & MFDY605 (Yellow IOL)
Optic Diameter	6.00 mm
Overall Length	12.50 mm
Optic Type	Diffractive - Refractive Optic
Haptic Angulation	0°
Asphericity	Negative Asphericity on Posterior Surface
Square Edge	360° Square Edge
A-Constant	118.0
Refractive Index	1.46
Diopter Range	0.0D to 35.0 D (in 0.5D Increments)
Sterilization	Moist Heat Sterilization

Manufactured by

 **AI OPTICS PRIVATE LIMITED,**
An ISO 13485:2016 Certified Company

84/1, Aavin Dairy Farm Road,
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Ambattur, Chennai-600098, INDIA

Marketed by

 **APPASAMY
ASSOCIATES**
Empowering Vision*

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