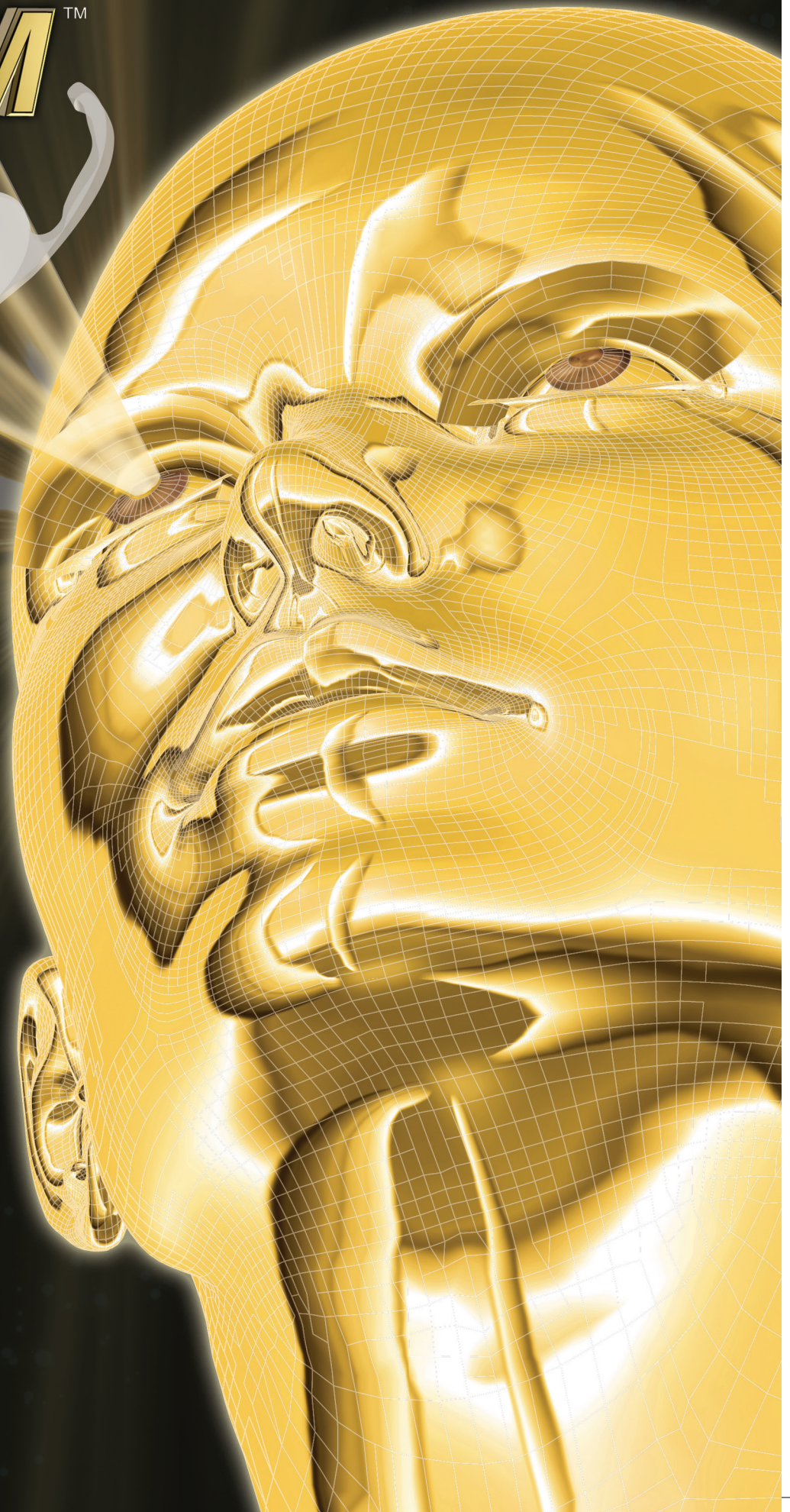


AURIUM™

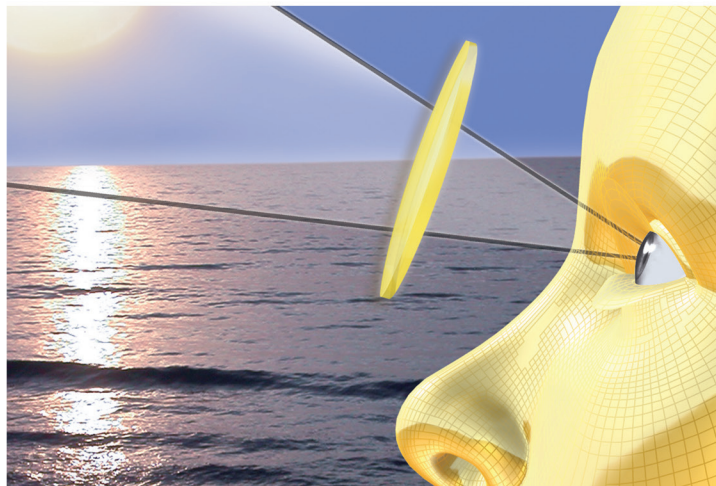
Model No. 404



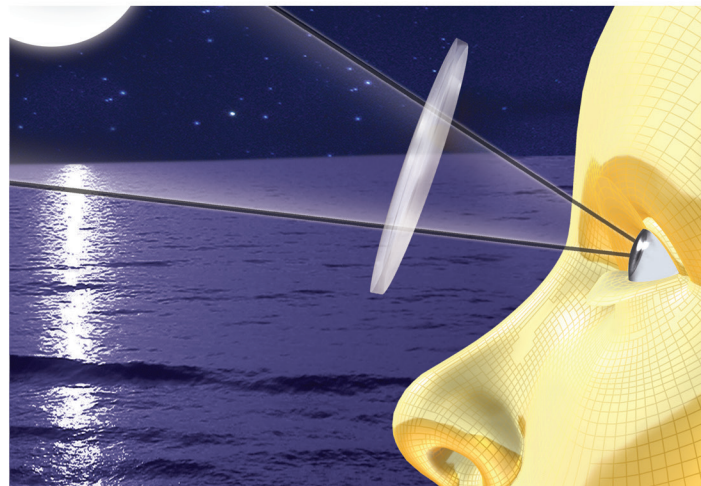
Medennium

AURIUM™

Aurium combines the proven performance of Matrix Acrylic® with unique photochromic properties

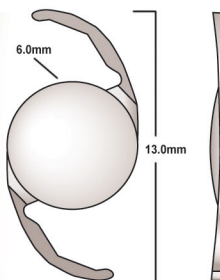


Aurium turns yellow in the presence of UV light (sunlight) to provide blue blocking protection.



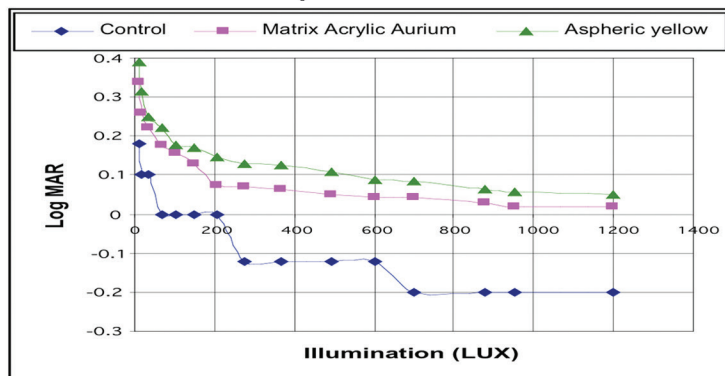
In the absence of UV light (sunlight) Aurium is clear and colorless.

- The color change to yellow takes about 10 seconds and becomes colorless in about 30 seconds.¹
- In its activated state Aurium blocks about 50% of both violet and blue light.¹
- The photochromic property of Aurium exceeds the ISO standard of 20 years of hydrolytic stability and photostability (Data on file at Medennium).



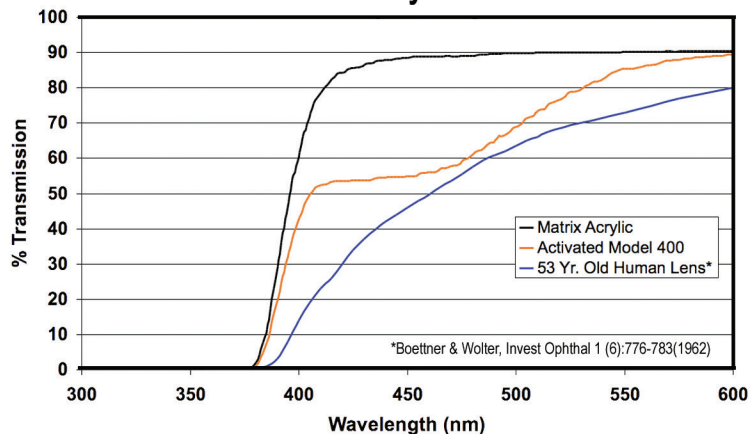
Optic: Full symmetric biconvex aspheric
 Material: Photochromic hydrophobic acrylic
 Range: -7.0 to +34.0 Diopters
 Haptic: Acrylic Modified L
 A Constant 118.4² (estimated)
 IOL Master: 119.0² (calculated)
 Refractive Index (@25°C): 1.56
 Anterior Chamber Depth: 5.0mm

BCVA Aurium vs. Aspheric Yellow vs. Control



Average of 14 subjects @ 1 year, BCVA (LogMAR) at various illumination levels of Matrix Acrylic® Aurium in comparison with Aspheric Yellow and young Phakic Subjects (control). (Data on file at Medennium)

Medennium Matrix Acrylic IOL Transmission



*Boettner & Wolter, Invest Ophthal 1 (6):776-783(1962)

1) Werner, L. et al, "New photochromic foldable intraocular lens: Preliminary study of feasibility and biocompatibility" JCRS 2006; 32; 1214-1221
 2) The number provided is a guideline only



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P/N 100499 REV C
 US Patent 6,271,281; 6,780,899 and patent pending
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