

News Release

Laser Optics
Achromatic Waveplates

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For Immediate Release

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Large Achromatic Waveplates Accommodate Large Laser Beams From Tunable Laser Sources

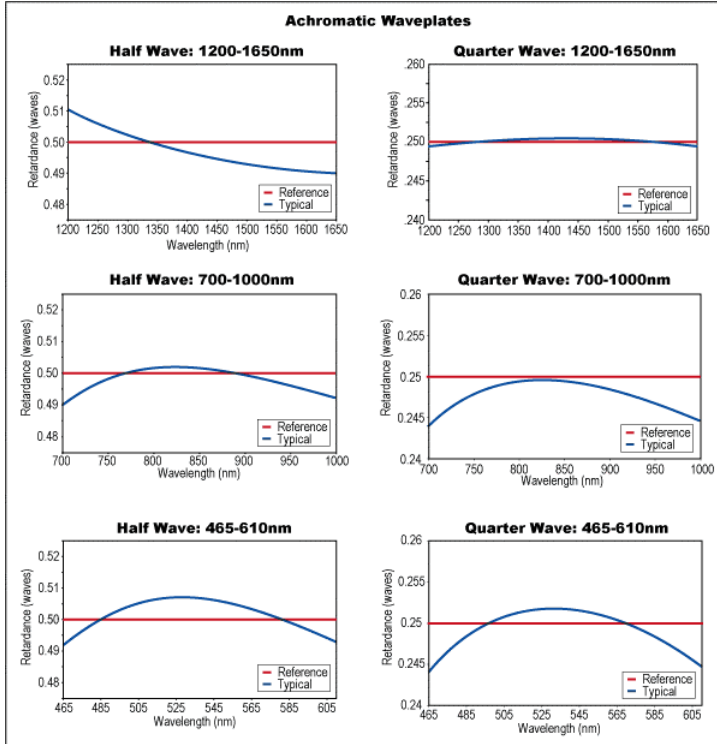
Boynton Beach, FL — Tower Optical Corp. has just announced another product line of *Achromatic Waveplates, designed to maintain a constant retardation over a wide range of wavelengths.* These Achromatic Waveplates provide a 23mm clear aperture to accommodate lasers with large beam diameters.

The Product Line

The Achromatic Waveplate product line covers the range or 465nm to 1650nm. Within this range Achromatic Waveplates are offered in three distinct spectral ranges: 465-610nm, 700-1000nm and 1200-1650nm. These ranges cover UV to IR. Over each of these ranges the waveplate exhibits fairly constant Retardation. In addition, for each range the product line includes waveplates for both $\frac{1}{4}$ and $\frac{1}{2}$ wave Retardation. The waveplate has a clear aperture of



23mm. These Achromatic Waveplates feature cemented construction and are available with or without a 30mm mounting ring. Typical retardation curves are shown below for the different models.



The Series AO25A-1/4 or 1/2-X (X=wavelength range) Achromatic Waveplates are available from Tower Optical Corp. for \$770 unmounted and as AO23A-1/4 or 1/2 -X for \$795 mounted in a 30mm mounting ring. For large quantities prices are discounted by more than 30%. For more information visit www.TowerOptical.com or contact Tower Optical at sales@TowerOptical.com or 800-526-7560 x 17, 561-740-2525 x 17 or fax 561-740-2518.

The photograph is available in .TIF format, at <http://www.toweroptical.com/Image4>

The curves are available in .PDF format, at <http://www.toweroptical.com/Image5>

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