



**Electro Optical Components, Inc.**

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# NEWS RELEASE

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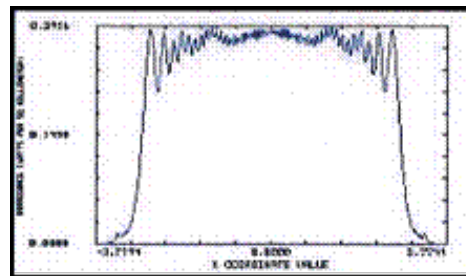
FOR IMMEDIATE RELEASE

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## Beam Shapers and Beam Expanders for Lasers

Electro Optical Components offers [Beam Shapers](#) designed to change the Gaussian profile of a light source (usually a laser) to a Top-Hat profile. Standard beam shaper designs have a maximum input beam size of 4.6mm and output at 8mm. These include beam shapers for 355nm, 532nm, 1064nm, 10.6um. The output beam is collimated. This allows it to be used with normal lenses after the beam shaper. These beam shapers can be designed for your specific wavelength or application requirements.



The most common [Beam Expander](#) is Galilean type which usually has one negative input lens and one positive output lens. The beam expansion ratio for a Gaussian beam depends not only on the specifications of the beam expander, but also on the laser beam parameters as well as the positions of the optical lenses.

These beam shapers and beam expanders are sold in North America by:

**Electro Optical Components Inc.**

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