

bespoke optics
for laser beam enhancement
and laser beam forming:
maximum brightness
and maximum efficiency



PowerPhotonic designs and manufactures custom micro-optics for beam enhancement.

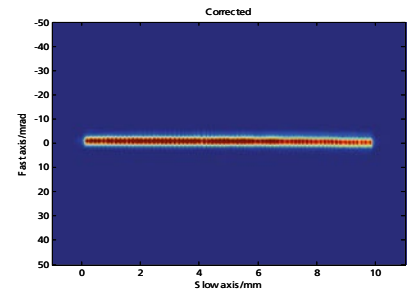
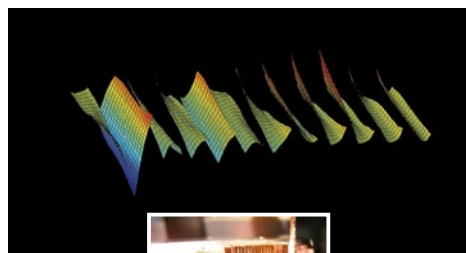
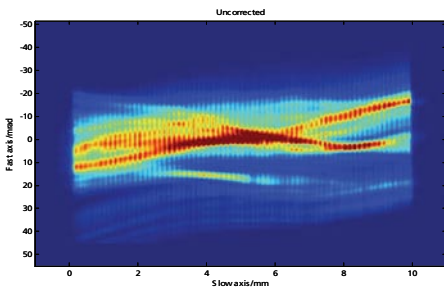
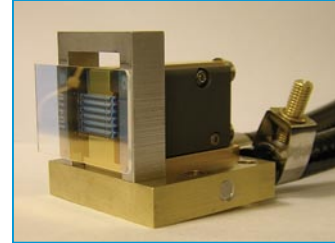
Our products increase the brightness of high power diode laser bars and stacks and provide beam shaping tailored to your application.

We fabricate custom optical elements and arrays from one offs to high volume.

Our technology will give your laser system market-leading performance.

Wavefront compensator for HPDL bars and stacks

- Remove smile, defocus, and pointing errors
- Increase brightness by $\times 2$ to $\times 10$
- Use with existing bar & stack designs
- Low-cost route to high brightness



Your diode lasers...

...made brighter!

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Maximize coupled power for:

- Fiber delivered diode
- Fiber laser pump
- DPSSL pump
- Laser material processing

Custom micro-optics in fused silica

- Custom microlens & microprism arrays
- Beam transformers
- Aberration compensators
- Freeform refractive surfaces

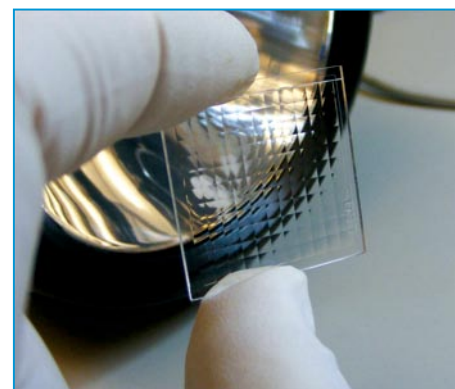
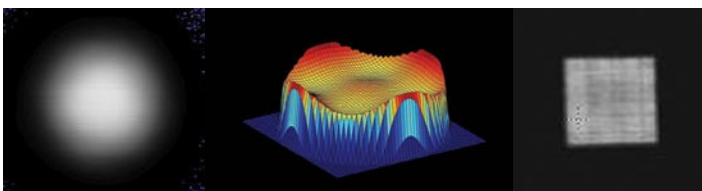


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