Q1- 2017 Newsletter

With the start of 2017, Holo/Or invites you to come meet us at Photonics West- West hall, booth 309.

We will introduce several new products, including: our unique LeanLine system for narrow line generation from high M^2 lasers, A High Efficiency double spot with almost zero power in undesired orders and the Random Diffractive Axicon Array element providing perfect ring output for any input beam shape.

Feel free to consult our experienced application engineers, who can help you find the best solution for your beam shaping needs.

Industry News

Next Exhibition –BiOS – 28-29 January, Photonics West – 31 January – 2 February Moscone Center, San Francisco

Holo/Or will be participating in Photonics West, bringing new products to answer our costumers evolving beam shaping needs.

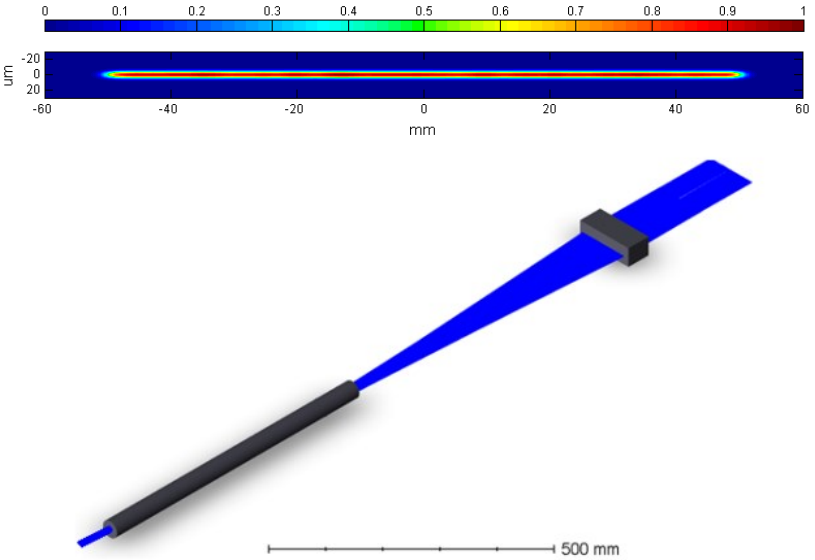
SPIE. PHOTONICS WEST BIOS

Come and visit us at booth #8743, Moscone Center West for BiOS, and booth #309, Moscone Center South for Photonics West

What's New?

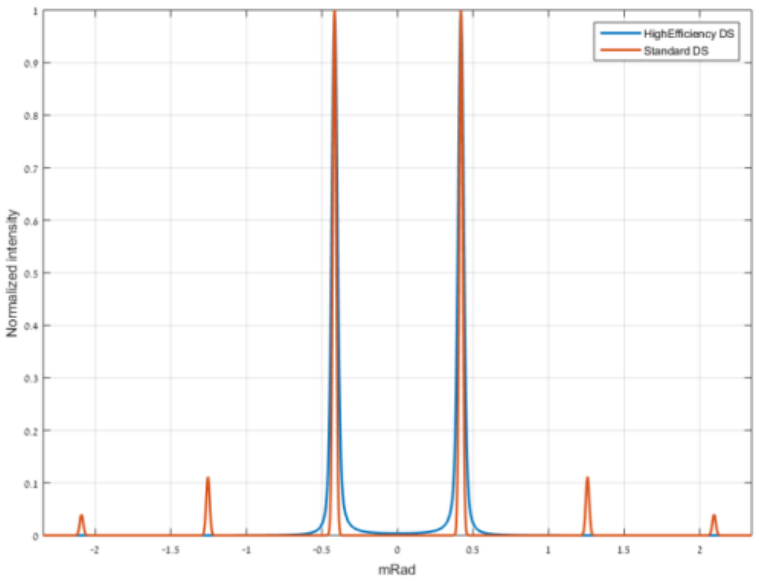
LeanLine - narrow laser line beam shaping system

Holo/Or has developed LeanLine™, a robust 2-module system that preforms M^2 transformation on a round input beam and converts it into a narrow line at focus. Highly useful for application where high power densities are required over long lines, such as flat panel processing, thin film laser lift off and surface annealing, LeanLine™ uses an innovative diffractive approach to perform M^2 Transformation. This unique design enables us to offer this compact, simple and easy to install system at a competitive price. Read more here



High Efficiency Double Spot

Holo/Or has developed a double spot beam splitter with 97% efficiency and almost no power in undesired diffracted orders. The high efficiency double spot (HEDS) has multiple applications, including lithography, perforation, cutting and other material processing applications. Read more here.



Diffractive Axicon Array

Holo/Or has developed a new family of diffractive axicon products- the Randomized Array of diffractive Axicons (RADA).

These products can be used with multi-mode laser beams to generate ring-shaped spots, useful in many material processing applications, such as uniform heating of conductive materials or powder sintering. RADA is insensitive to centration alignment and beam symmetry and will be a perfect fit for multi-mode laser sources. The RADA family is available in a binary version with efficiency ~ 80 % and a multilevel high efficiency version with efficiency ~ 95 %. Read more here