



## PHOTOP OPTICAL COMPONENTS

Since 1998 Photop Optical Components - formerly Sandgy - produces high volumes of collimators and optics of the fiberoptic and the laser department. Beside this all kinds of "classical" optical components can be delivered. Optical and semiconductor crystals are provided by the former Microlattice. A coating center with 32 machines is in place to offer any kind of coating even for high quantities of optical components.

## Variety of Optical Elements

Photop is one of the worlds leading manufacturers of optical elements like lenses, prisms, waveplates, mirrors or beam splitters, all polishing and coating is done in house. Whenever it comes to redirecting, focussing or collimating of light or controlling polarisation Photop can offer the elements you need.

### Features:

- lenses
- prisms
- beamsplitters
- waveplates
- polarizers
- etalons

## Optical bonding

Photop frequently uses optical bonding: extremely well polished, parallel surfaces stick together without any glue after applying mechanical pressure and/or heat. By optical bonding the best possible optical and mechanical properties can be achieved, there are very low losses and almost no scattering at the interface. Optical bonding is used for components that require highest mechanical precision like Etalons or for components that have to stand high optical power like high power Green Laser Cores.

## Optical and Semi-conductor Crystals

Photop grows a variety of crystals for various applications in optics, laser technology, medical technology and science

### Features:

- BBO
- KTP
- Nd:YVO<sub>4</sub>
- Nd:GdVO<sub>4</sub>