

Coated lens

Clear Magic is an ultra-low-absorption lens with a coating transparent to visible light. The coating allows beams



from helium-neon lasers to be seen on the workpiece, while polarizing filters help to detect thermally induced stress. It is available in 1.5 and 2 in. diameters for most popular OEM systems.

Ophir Optronics CO₂ Optics Group,
Jerusalem, Israel
Co2@ophiropt.com

Rod-type fiber

The DC-200-85-Yb-ROD is an ytterbium-doped rod for use in output stages of amplifier chains for pulsed laser amplification. The fiber has a 65 μm mode-field-diameter ytterbium core. The 200 μm pump core diameter accepts pump light at numerical aperture values up to 0.54 for pumping at 915 or 976 nm. Pump absorption is 30 dB/m for 976 nm pumping.
NKT Photonics, Birkerød, Denmark
www.nktpotonics.com

Diffuser lenses

Injection-molded light-shaping diffuser lenses for LEDs are available in custom sizes and shapes in a variety of symmetrical and asymmetrical beam angles, suitable for recessed downlights as well as parabolic aluminized and multifaceted reflector lamp for-

VCSEL

The Next Generation of High-Power Lasers

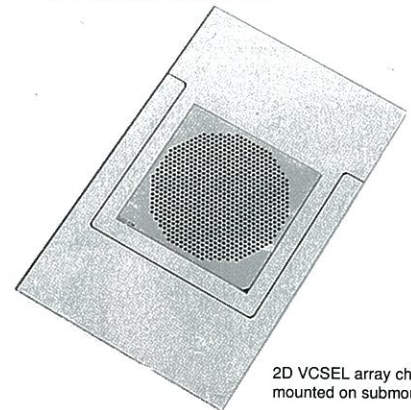
www.princetonoptronics.com

New products:

- 40, 60, 100W VCSEL arrays at 808nm & 976nm
- Conduction cooled 6W & 15W arrays
- Fiber-pigtailed 50W modules
- Single-mode 1064nm seed laser (400mW) for DPSS and fiber-lasers
- Single-mode low-noise 1064nm laser (-170dB/Hz @ 1GHz)

Benefits:

- Vertical-cavity surface-emitting laser (VCSEL) technology
- 2D arrays for simple packaging
- Very high reliability (FIT-1)
- High temperature operation (>50°C)
- Excellent wavelength stability (<0.07nm/°C) and narrow spectrum (FWHM <1nm)
- Circular, low-divergence beam
- High reflected-light tolerance
- Single longitudinal mode



2D VCSEL array chip mounted on submount

Applications:

- Solid-state laser pumping
- Medical
- Printing
- Fiber seed lasers
- Individually addressable arrays

Other Products:

- Ultra-low noise lasers
- Fiber lasers
- High brightness illuminators



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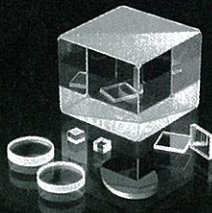
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When you say 'Jump', we take it very, very seriously

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