



MORE LIGHT

Electro-optical light modulators based on liquid crystals

Custom-Made Liquid Crystal Light Modulators

Besides standard Liquid Crystal Modulators we design and manufacture modulators based on nematic liquid crystals according to customers specification.

Our light modulators work in the spectral range from 430 nm to 1600 nm. Based on the electrical control of the optical properties of a nematic liquid crystal layer, phase, amplitude and polarization state of a light wave can be modulated.

We offer:

- Design of modulators
- Development of electronic units
- Matching of optics
- Mechanical design and manufacture
- Testing under various climatic conditions

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