

## Precision Engineered Optical Subassemblies, Delivered with Expertise.

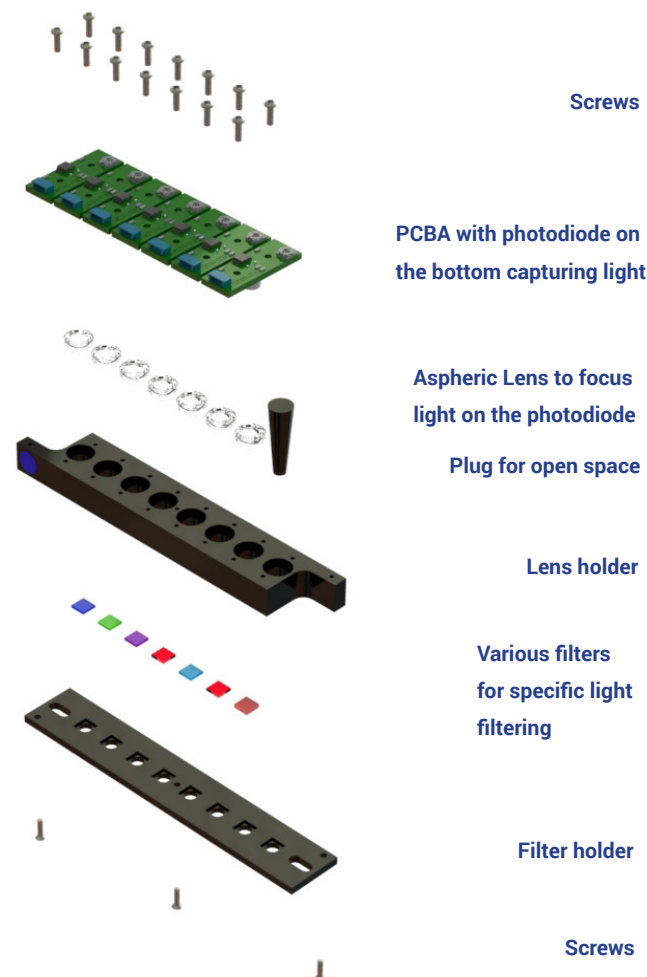
Chroma Technology, with 89North excels in the custom design of optical subassemblies tailored to meet specific customer requirements. This includes integrating multiple optical components, such as filters, lenses, mirrors, and more, into a single, coherent assembly that optimizes performance for complex optical systems.

# Chroma Technology / 89North Subassembly Design, Manufacture, and Supply

### Our Company provides:

- **Collaborative Approach:** Chroma Technology works closely with customers throughout the design and manufacturing process, ensuring that the final product seamlessly integrates into the broader optical system.
- **Custom Design Expertise:** Chroma Technology specializes in creating tailored optical subassemblies that meet specific customer requirements, integrating various optical components such as filters, lenses, and mirrors.
- **Optical Filter Rapid Prototyping:** Chroma Technology offers Optical Filter Rapid Prototyping services, enabling quick design iterations and faster development cycles, helping customers bring products to market faster.
- **State-of-the-Art Manufacturing:** Utilizing advanced, automated manufacturing processes and precision coating technologies, we ensure that each subassembly meets strict performance metrics and tolerances.
- **Scalability:** With increased production capacity, Chroma can scale up manufacturing to meet high-volume demands without compromising on quality or lead times.
- **Rigorous Testing and Quality Assurance:** Each optical subassembly undergoes stringent automated testing and quality control, ensuring reliability and consistency for critical applications in medical, scientific, and industrial fields.
- **Global Supply Chain:** Chroma Technology effectively manages a global supply chain, making sure that efficient sourcing, inventory management, and timely delivery of optical subassemblies worldwide.

### 89 North LDI Feedback Assembly



## Filter Wheel

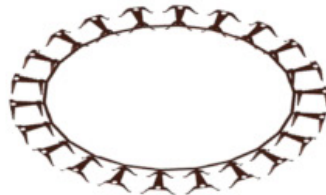
Plastice retaining ring



Plastic spring retention



Metal spring



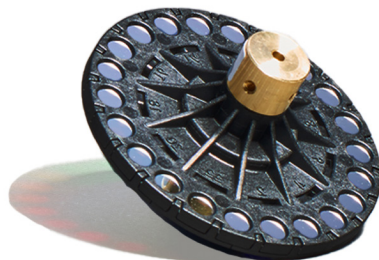
Various filters for specific light filtering



Plastic filter holder plate with "key"



Metal shaft



### Engineering and Custom Solutions

Using a collaborative approach, Chroma Technology, a premier filter supplier, and 89 North, a Chroma subsidiary and the company's instrument arm, work closely with customers throughout the design and manufacturing process, ensuring that the final product seamlessly integrates into the broader optical system. Whether you're selecting components from our catalog, exploring customization options, or embarking on a build-to-print endeavor, our experts are here to assist you.

Backed by our engineering knowledge, our team goes beyond mere support – we provide valuable insights during the development phase of your projects. Our engineers are not just knowledgeable; they are passionate about pushing the boundaries of what's possible in optical technology.

Our team customizes support to suit the requirements of your project providing cutting-edge Custom Optical Solutions. One of our key capabilities is in delivering tailor-made optical solutions that cater to the needs of your industry. From precision thin-film coatings to innovative optical designs, we are committed to providing high-performance solutions that set the standard for excellence.

**Chroma Technology GmbH**

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