

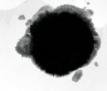
Leading in optics with cutting—edge technology

(CONTENT)





About Bena Optics



Capabilities of Bena Optics



Products of Bena Optics









Bena Optics, established in 2014, is dedicated to the production of ultra-high precision optical components. Over the years, the company has continuously upgraded its processing equipment and enhanced its technological capabilities, positioning itself as a leading figure in the optical components industry in China. The 2,500 square meter facility houses a team of approximately 30 professionals, including technical engineers, skilled processing personnel, and assembly and testing experts, all working together to ensure the highest quality standards. Bena Optics boasts state-of-the-art equipment, including Ion Beam Figuring (IBF), Magnetorheological Finishing (MRF), large CNC machines, ring polishing machines with diameters ranging from 1.2m to 2m, and Computer Controlled Optical Surfacing (CCOS). The company also utilizes advanced measurement tools such as laser interferometers, a Coordinate Measuring Machine (CMM), and a LuphoScan420HD high-precision non-contact 3D optical profiler.

Bena Optics serves a diverse range of prestigious clients, including the Changchun Institute of Optics, Fine Mechanics and Physics (CIOPMA), Beijing Institute of Technology (BIT), and Stanford University.

Bena Optics' products are utilized by customers in over 60 countries, spanning fields such as scientific research, medical instruments, aerospace, national defense, weather monitoring, geology, and oil exploration. Bena Optics offers a comprehensive product range that includes spherical lenses, aspherical lenses, cylindrical lenses, optical windows, prisms, mirrors, and filters. These products are crafted from materials such as ultraviolet quartz, fused silica, visible glass, infrared silicon metal, sapphire, ZnSe, ZnS, and SiC.Committed to delivering the highest quality optical components through continuous innovation and technological advancement, Bena Optics has established itself as a trusted partner in the global optical components industry. The company looks forward to collaborating with clients on their next projects.









Beijing ZhongDaHuaYuan Certification Center Co., Ltd.
(No. 3 Building, Xibahe West Road, Chaoyang District, Beijing 100102, China)

Quality Management System Certification Certificate No.0202400651RIS

Changchun Bena Optical Products Co., Ltd.

(Unified Code Of Social Credit:9122010130990194X6)

System scope assessed

Audit address: F1 & F2, Building D6, Shengshi Automobile Industry Park, Intersection of Hexie Street and Yiyi Road, Automobile Industry Development Zone, Changchun City, Jilin Province, P.R.China

Registered address: Workshop, Floor 1, No.999, Feiyue East Road, High-tech Zone,

Changchun City, Jilin Province, P.R.China

Product / service scope: research and development, production and technical service of optical components

Quality management system is in conformity with

GB/T 19001-2016/ISO 9001:2015 Quality management systems-Requirements

Issuing date:2024.04.01; Expiration date:2027.03.31

Initial issuing date:2021.04.02

Note: The certification registration scope doesn't include those product / service scopes which fail to be covered by the relevant effective administration permission and qualification permission regulated by the state; The first surveillance audit after intitial certification shall be conducted within 12 months since the date of the certification decision, after that, the certification organization shall accept the audit at intervals of no more than 12 months and the certificate is regarded as effective only after the certification decision; The certificate information can be obtained in the website of Certification and Accreditation Administration of the People's Republic of China (www.cnca.gov.cn) or by scanning the QR code below.



ZHANG JIAN, General Manager







中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C020-M





Core values



Team spirit brings about brilliance, innovation paves the way for the future, responsibility fulfills dreams.

Integrity-based trust, exceptional quality earns respect, win-win concept shapes the future.

Hand in hand, we achieve brilliance; Forging ahead, innovation guides the future.

2

Mission

Whether the client requires commercial optical lenses, ultra-high precision optical components, or engineering expertise via consulting, Bena Optics' vision is to offer effective and economical solutions without compromising on quality. Meanwhile, provide excellence in the highest quality custom optical solutions, and exceed client expectations.



Vision

Driven by innovation and oriented towards quality, Bena Optics aspires to establish an outstanding brand that will propel the progress of optoelectronics and render the world of optoelectronics even more thrilling due to Bena.







Capabilities of Bena Optics



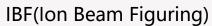


State-of-the-art process equipment





Ring polishing machine







MRF (Magnetorheological Finishing)

CNC (Computer Numerical Control)



CCOS (Computer Controlled Optical Surface)

High precision coating machine









Quality management

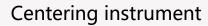








CMM (Coordinate Measuring Machine)







Lupho Scan 420HD Surface profile

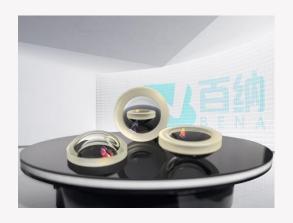


Products of Bena Optics









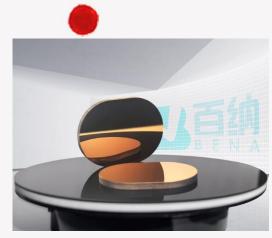
Spherical lens



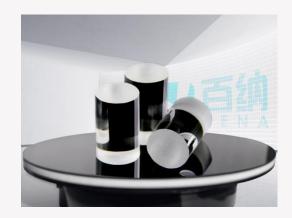
Optical dome



Optical window



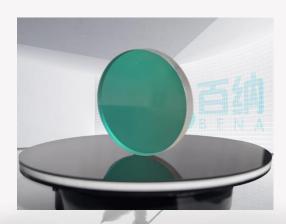
Optical mirror



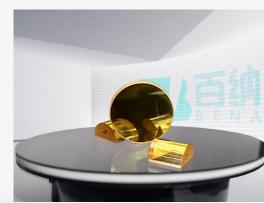
Cylindrical lens



Optical prism



Optical filter



Infrared Optics

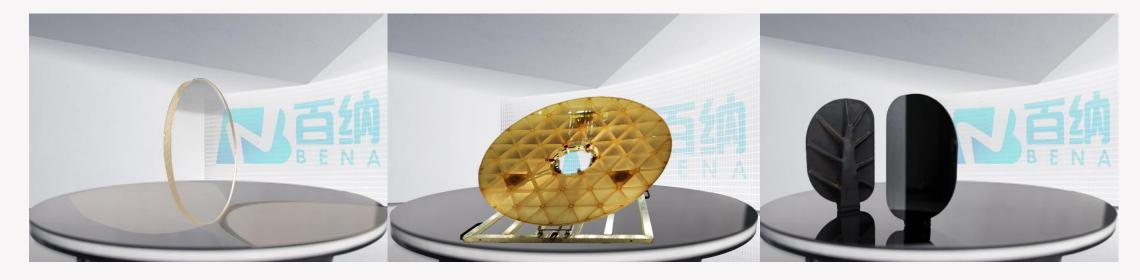








Fused silica Zerodur Silicon Carbide

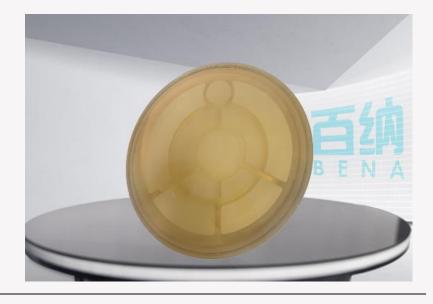




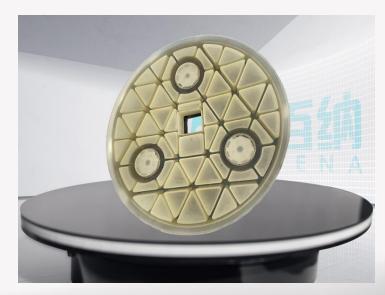












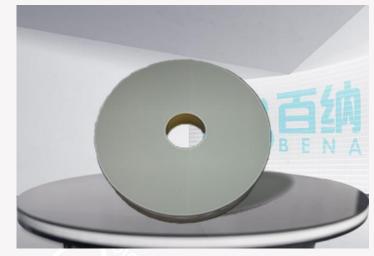


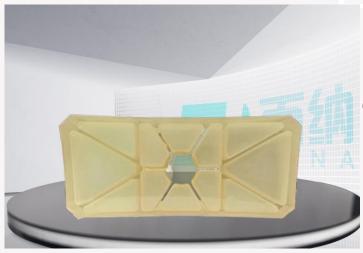




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Aspheric surface processing

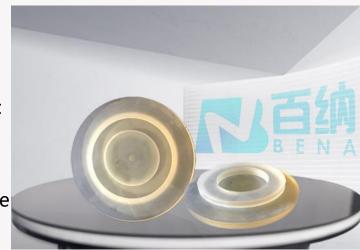




Coaxial aspheric

Off-axis aspheric

Free form surface

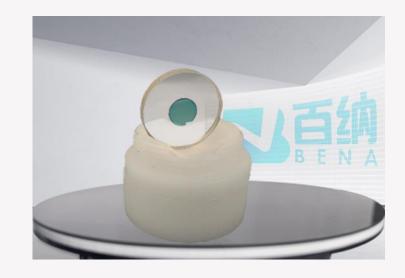


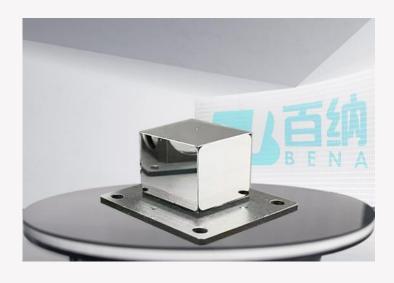






Super smooth and super high reflectivity mirror





Alignment Cube







Bena Optics hold that a company should be as tolerant / encompassing as the vast ocean which admits hundreds of rivers and should draw upon other's strengths.

