Glass Illumination Optics

Moulded Optics GmbH is an ISO 9001:2008 certified global OEM optics supplier headquartered in Germany and offers many different configurations of STANDARD blank-molded Aspheric Lenses, in diameter sizes from 4 mm to 80 mm and High Power LED Half-Ball Lenses, in diameter sizes of 3 mm, 4 mm, 5 mm and 6 mm, as well as, CUSTOM blank-molded optical components in sizes from 3 mm to 100 mm, all of B270, F2 and Borosilicate GLASS materials, uncoated, or UV (120 nm) to IR (3000 nm) coated, including singlet, aspheric, bubble, cylindrical, fly's eye array, free-form, fresnel, integrator plate and wedge, light pipe and tunnel, multi-array, plano, prismatic, relay and spherical lenses; aspheric, free-form and spherical mirrors; dispersing, dove, folding, penta, porro, roof, TIR and wedge prisms; and special shapes; in prototype and production quantities for many illumination applications, such as, aerospace, aircraft, airfield in-pavement runway, architectural and commercial lighting, bar code scanning, biometrics, CCD cameras, 3-D, copier, data storage, digital imaging, fiber optics, head-up displays, instrumentation, LED, machine vision, photo-electric detection, photo-metrics, preprint processing, pressure sensing, printer, recognition, scanners, security, sensing, smoke detection, CPV solar energy, entertainment, LED, stage and theatrical lighting, traffic, DLP, DMD, LCD and LCOS digital projection, and vision systems.

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