

MIRRORS

Aspheric mirrors, including paraboloids, hyperboloids and ellipsoids, as well as mirrors with a customer-specific aspherical surface, are among the specialties of asphericon's product range.

Specifications	Custom Mirrors
Diameter	1 – 420 mm
Diameter Tolerance	< 0.015 μm
RMS Irregularities (RMS _i)	25 nm
Surface Imperfections (Scratch/Dig)	20 - 10
Coating	Customer-specific
Full-surface Interferometric Measurement	Optional
Materials	Customer-specific (almost every type of glass, silica, germanium, silicon, IR lenses, zerodur)
Mounting	Customer-specific

All products are also available as reflective mirror elements.

¹ A: R_{MAX}<1.0%, R_{AVG}≤0.4%, 400-600 nm, AOI=0° | B: R_{MAX}<1.0%, R_{AVG}≤0.4%, 600-1050 nm, AOI=0° | C: R_{MAX}<1.0%, R_{AVG}≤0.4%, 1000-1600 nm, AOI=0°