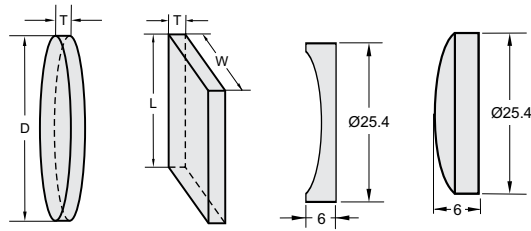


Protected Silver Mirrors

- LIDT – 0.25 J/cm² at 800 nm, 50 Hz, 94 fsec pulses*
- LIDT – 1.8 J/cm² at 1064 nm, 50 Hz, 11 nsec pulses*
- Average Reflection >97% for 400 nm – IR
- BK7, UVFS, Zerodur® substrates available
- Round, Square and Flat or Spherical Mirrors available
- OEM capabilities – please contact for special pricing
- Test samples are available on request

* Laser Induced Damage Threshold results are measured according to ISO 21254-2: 1000-on-1 test procedure.



Drawings of flat round, flat rectangular and spherical mirrors

Flat Round Mirrors. Substrate type: plano-plano

Catalogue number	Diameter D, mm	Thickness T, mm	Substrate material	Price, EUR
091-0025	12.7	3.0	BK7	26
092-0025	25.4	6.0	BK7	39
095-0025	50.8	8.0	BK7	90
097-0025	76.2	12.7	BK7	180
091-3025	12.7	3.0	UV FS	36
092-3025	25.4	6.0	UV FS	44
095-3025	50.8	8.0	UV FS	130
097-3025	76.2	12.7	UV FS	215

Flat Rectangular Mirrors. Substrate type: plano-plano

Catalogue number	Width W, mm	Length L, mm	Thickness T, mm	Substrate material	Price, EUR
091-0325	15.0	20.0	6.0	BK7	36
092-0325	20.0	30.0	6.0	BK7	48
093-0325	25.4	25.4	6.0	BK7	46
094-0325	25.4	50.8	10.0	BK7	70
095-0325	50.8	50.8	10.0	BK7	100
091-3325	15.0	20.0	6.0	UV FS	50
092-3325	20.0	30.0	6.0	UV FS	66
093-3325	25.4	25.4	6.0	UV FS	64
094-3325	25.4	50.8	10.0	UV FS	105
095-3325	50.8	50.8	10.0	UV FS	145

Protected Silver (Ag) Mirrors feature higher reflectance than aluminium throughout the visible and near-infrared spectral region. Our protected silver mirrors has excellent durability.

Spherical Mirrors. Diameter: 25.4 mm; Edge thickness: 6.0

Catalogue number	Substrate type	Radius, mm	Substrate material	Price, EUR
092-0025	Plano-plano	∞	BK7	39
092-0125R-50	Plano-concave	-50	BK7	65
092-0125R-100	Plano-concave	-100	BK7	65
092-0125R-150	Plano-concave	-150	BK7	65
092-0125R-200	Plano-concave	-200	BK7	65
092-0125R-250	Plano-concave	-250	BK7	65
092-0125R-500	Plano-concave	-500	BK7	65
092-0125R-1000	Plano-concave	-1000	BK7	65
092-0125R-2000	Plano-concave	-2000	BK7	65
092-0125R-2500	Plano-concave	-2500	BK7	65
092-0125R-4000	Plano-concave	-4000	BK7	65
092-0125R-5000	Plano-concave	-5000	BK7	65
092-3025	Plano-plano	∞	UV FS	44
092-3125R-50	Plano-concave	-50	UV FS	80
092-3125R-100	Plano-concave	-100	UV FS	80
092-3125R-150	Plano-concave	-150	UV FS	80
092-3125R-200	Plano-concave	-200	UV FS	80
092-3125R-250	Plano-concave	-250	UV FS	80
092-3125R-500	Plano-concave	-500	UV FS	80
092-3125R-1000	Plano-concave	-1000	UV FS	80
092-3125R-2000	Plano-concave	-2000	UV FS	80
092-3125R-2500	Plano-concave	-2500	UV FS	80
092-3125R-4000	Plano-concave	-4000	UV FS	80
092-3125R-5000	Plano-concave	-5000	UV FS	80
092-0225R+100	Plano-convex	+100	BK7	69
092-0225R+200	Plano-convex	+200	BK7	69
092-0225R+500	Plano-convex	+500	BK7	69
092-0225R+1000	Plano-convex	+1000	BK7	69
092-0225R+2000	Plano-convex	+2000	BK7	69
092-0225R+4000	Plano-convex	+4000	BK7	69
092-3225R+100	Plano-convex	+100	UV FS	85
092-3225R+200	Plano-convex	+200	UV FS	85
092-3225R+500	Plano-convex	+500	UV FS	85
092-3225R+1000	Plano-convex	+1000	UV FS	85
092-3225R+2000	Plano-convex	+2000	UV FS	85
092-3225R+4000	Plano-convex	+4000	UV FS	85



Non Standard Metal Coated Mirrors are available for fast off-the-shelf delivery. Check the availability at www.eksmaoptics.com



RELATED PRODUCTS

Curved Windows. See page 1.7

Kinematic Mirror Mount
840-0010
See page 8.58



Adapter for Mirror at 45°
840-0115
See page 8.76

