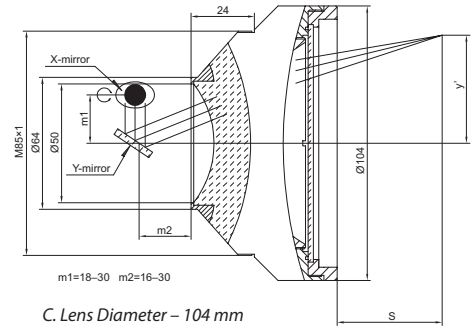
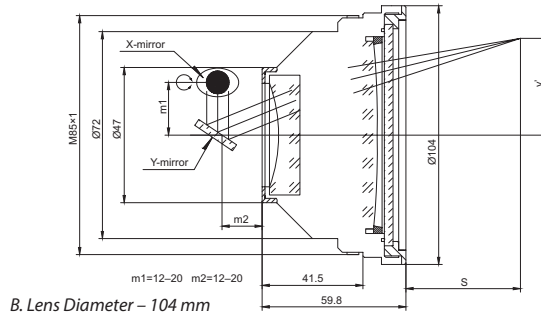
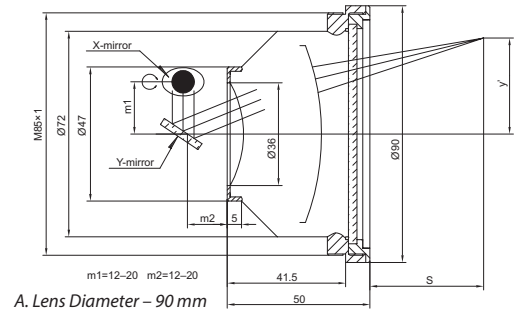


F-THETA LENS



F-Theta lenses are designed to provide a flat field on the image plane for scanning and engraving applications where a high power laser and a set of rotating mirrors are used to scan across a given field.



BEST MIRROR PLACES m1/m2 – 16/16 mm, screw size – M85x1

Wavelength – 1064 nm, Lens Diameter – 90 mm

Focus length, mm	Working distance S, mm	Max. scan area, mm ²	Max. scan angle, θ max	Input beam diameter, mm	Spot size, μm	Drawing	Catalogue number	Price, EUR
100	115	70×70	±28°	12	16	A	150-1001	420
160	176	110×110	±28°	12	26	A	150-1601	420
210	230	145×145	±28°	12	34	A	150-2101	420
254	284	175×175	±28°	16	31	A	150-2541	420
290	324	200×200	±28°	16	31	A	150-2901	420
330	346	220×220	±28°	16	40	A	150-3301	420
420	467	300×300	±28°	16	50	A	150-4201	420

Wavelength – 532 nm, Lens Diameter – 90 mm

Focus length, mm	Working distance S, mm	Max. scan area, mm ²	Max. scan angle, θ max	Input beam diameter, mm	Spot size, μm	Drawing	Catalogue number	Price, EUR
100	115	70×70	±28°	12	16	A	150-1002	460
160	186	110×110	±28°	12	16	A	150-1602	460

Wavelength – 355 nm

Focus length, mm	Working distance S, mm	Max. scan area, mm ²	Max. scan angle, θ max	Input beam diameter, mm	Spot size, μm	Drawing	Catalogue number	Price, EUR
100	126	70×70	±28°	7	10	A	150-1003	930
160	199	110×110	±28°	7	15	B	150-1603	930

BEST MIRROR PLACES m1/m2 – 24/24 mm, screw size – M85x1

Wavelength – 1064 nm, Lens Diameter – 104 mm

Focus length, mm	Working distance S, mm	Max. scan area, mm ²	Max. scan angle, θ max	Input beam diameter, mm	Spot size, μm	Drawing	Catalogue number	Price, EUR
163	185	110×110	±28°	20	17	C	151-1631	520
210	255	150×150	±28°	20	24	C	151-2101	520
254	285	175×175	±28°	20	31	C	151-2541	520
420	467	300×300	±28°	20	55	C	151-4201	520
650	697	400×400	±25°	20	85	C	151-6501	520

OPTICAL COMPONENTS

NONLINEAR & LASER CRYSTALS

ND:YAG LASERLINE COMPONENTS

FEMTOLINE COMPONENTS

OPTICAL SYSTEMS

OPTO-MECHANICAL COMPONENTS