

LINOS F-Theta-Ronar Lenses 940-980 nm



- Focal lengths ranging from 100 mm to 420 mm, tolerance $\pm 1\%$
- Screw thread M85x1, except 4401-527-000-21 M76x1
- Transmission $\geq 97\%$
- Transmission $\geq 75\%$ at VIS-range
- Includes interchangeable protective glasses
- All lenses can be used with enlarged beam diameters and various mirror distances. Scan fields and spot size diameters will change accordingly. Please contact us to discuss your specific requirements.

LINOS F-Theta-Ronar lens for 940-980 nm, focal length 330 mm

LINOS F-Theta-Ronar 940-980 nm, Optical-Glass

Nominal focal length (mm)	Scan field (mm ²)	Max. scan angle $\pm\Theta_{x,y}$ (°)	Beam diameter truncated at $1/e^2$ (mm)	Spot diameter at $1/e^2$ (μm)	Mirror distances m1/m2 (mm)	Working distance (mm)	Pro- tective glass	Part No.
100	42 x 42	± 12.1	14	14	17/18	96.9	PG19	4401-528-000-21
162	84 x 84	± 14.8	14	20	17/33	183.7	PG18	4401-527-000-21
254	120 x 120	± 13.6	20	23	26/28	294.2	PG17	4401-526-000-21
330	202 x 202	± 17.6	20	30	26/28	386.0	PG17	4401-524-000-21
420	253 x 253	± 17.3	20	37	26/28	491.7	PG17	4401-525-000-21