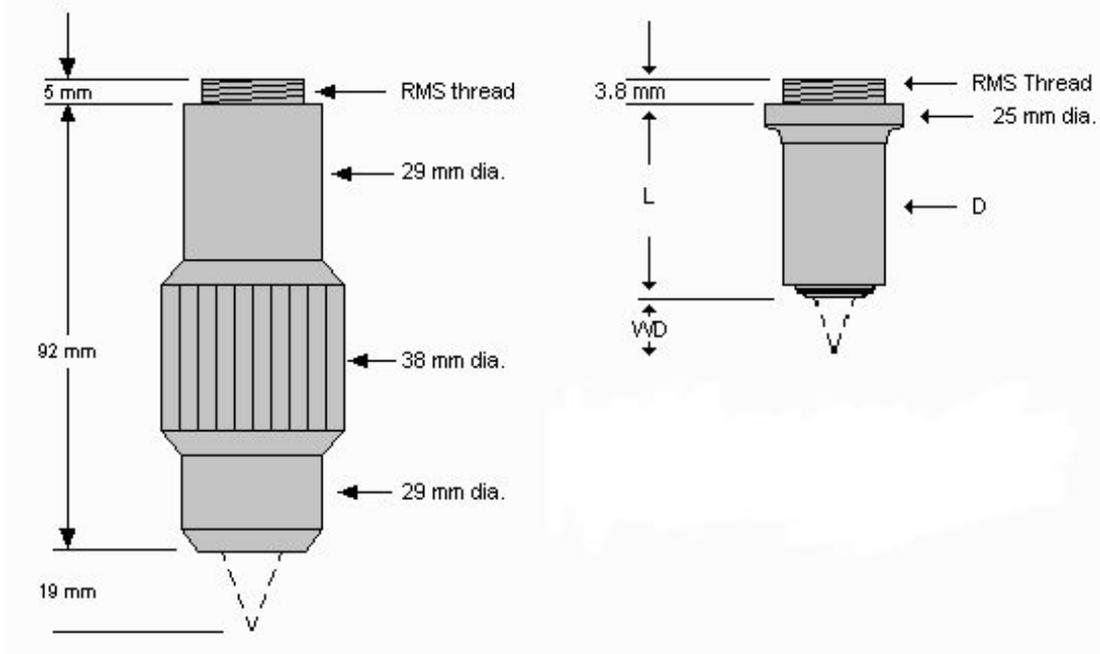


All-refractive UV Achromatic MicroSpot Focusing Objectives are designed for use with high power and ultraviolet sources.

Specifications

Materials	Excimer-Grade Fused Silica Excimer-Grade Calcium Fluoride
Design Spectrum	193 nm to 450 nm
Energy Throughput	96-98%



UV MicroSpot FOCUSING OBJECTIVES

Catalog Number	Working Distance	Effective Focal Length	Theoretical Numerical Aperture	Theoretical Focus spot	Entrance Aperture	D	L
LMU-3X-λ	49 mm	60 mm	0.08	5 μm*	10 mm	21 mm	26 mm
LMU-5X-λ	35 mm	40 mm	0.13	3 μm*	10 mm	21 mm	24 mm
LMU-10X-λ	15 mm	20 mm	0.25	2 μm*	10 mm	21 mm	32 mm
LMU-15X-λ	8.5 mm	13 mm	0.32	1 μm*	8.5 mm	21 mm	36 mm
LMU-20X-λ	4 mm	10 mm	0.40	1 μm*	8 mm	21 mm	35 mm
LMU-40X-λ	1 mm	5 mm	0.50	1 μm*	5 mm	21 mm	34 mm
LMUL-20X-λ	19 mm	10 mm	0.40	Discuss	8 mm	see drawing	see drawing

When ordering, specify coating according to wavelength and power rating by adding the appropriate coating code, for example, LMUL-20X-266 or LMU-10X-UVB.

*Note that Theoretical Focal Spot Diameter values are based on a Gaussian profile input beam at Design Wavelength which fills the Entrance Aperture at $1/e^2$ limits