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TECHSPEC® High Precision Laser Grade Aspheric Lenses


- Substrate Shape and Coating Optimized for Nd:YAG Laser Wavelengths
- High Precision Aspheric Surface
- Strehl Ratio > 0.8

Common Specifications

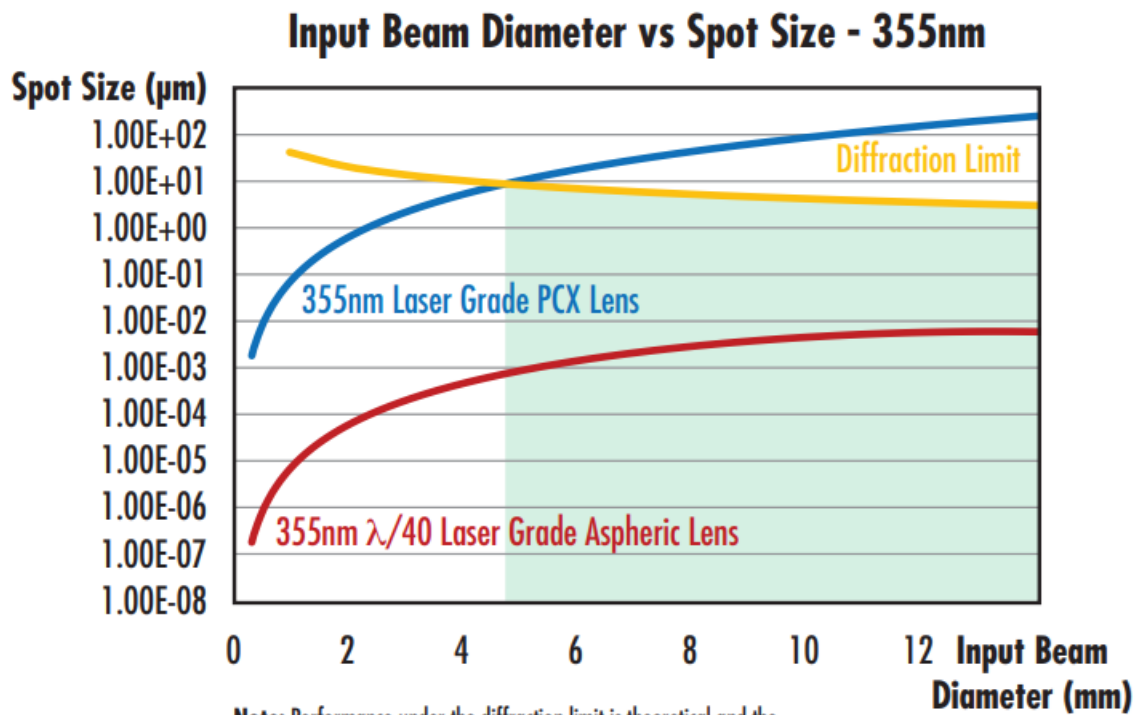
Physical & Mechanical Properties

Centering (arcmin):	<1	Bevel:	Protective bevel as needed
Shape of Back Surface:	Plano		

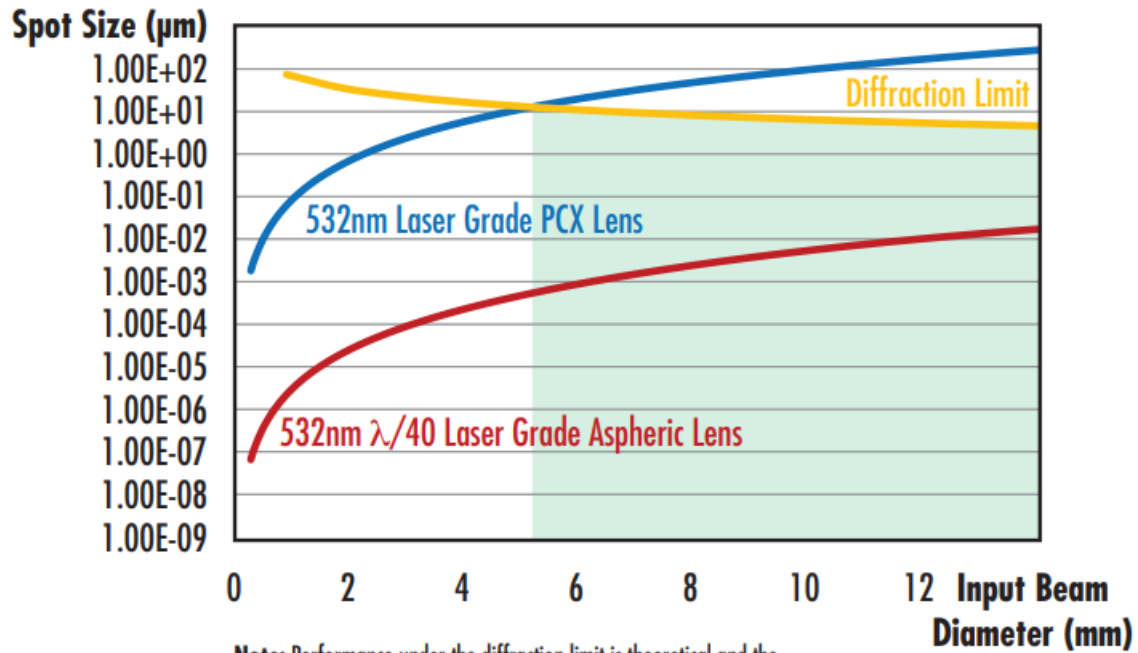
Optical Properties

Numerical Aperture NA:	0.25		
Substrate:	Fused Silica (Corning 7980)	Asphere Figure Error, RMS @ 632.8nm:	$\lambda/40$
Surface Quality:	10-5	f/#:	2
Spot Size (μm):	See Technical Information Tab	Conjugate Distance:	Infinite

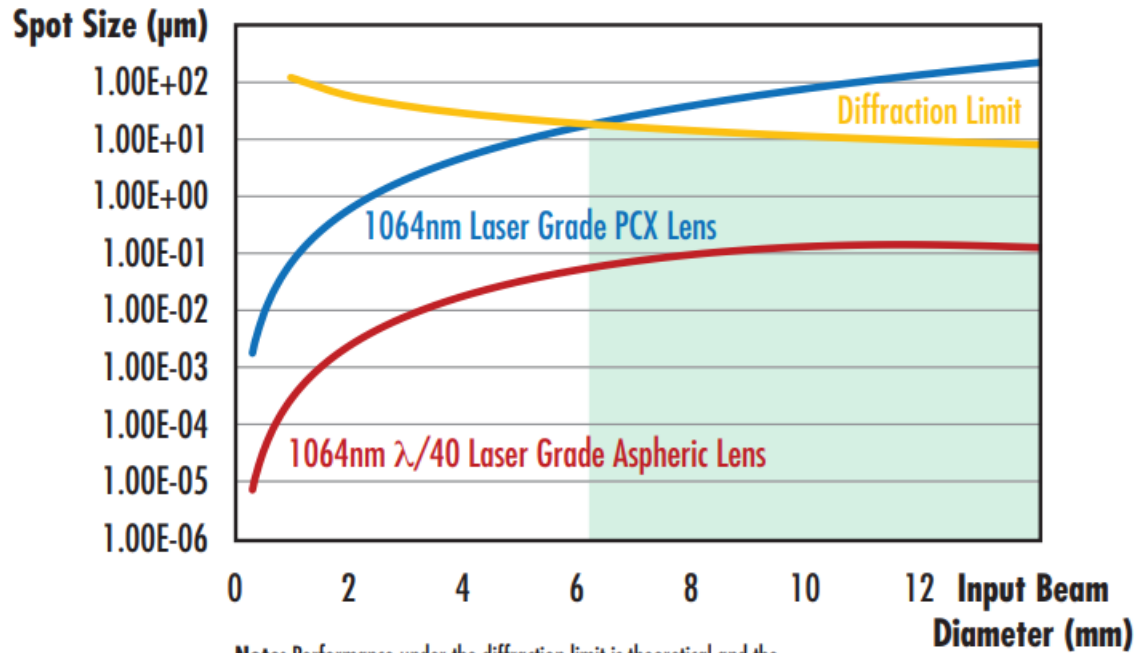
Technical Information



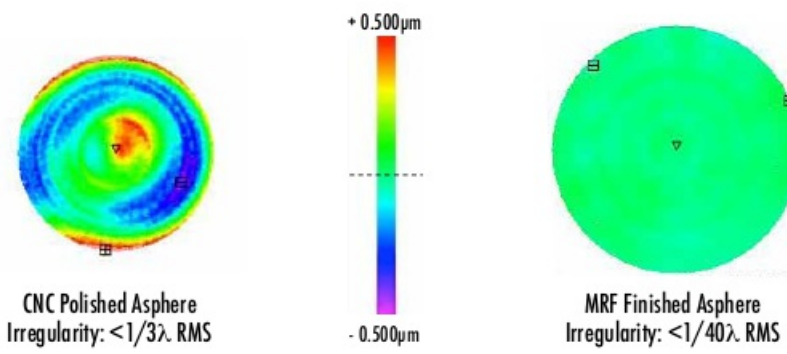
Input Beam Diameter vs Spot Size - 532nm



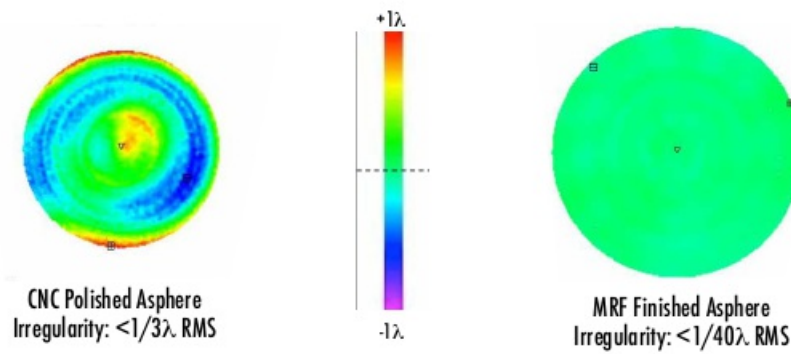
Input Beam Diameter vs Spot Size - 1064nm



+/- 0.500 μ m Scale (PV)



+/- 1 λ Scale (PV)



Products

Dia. (mm)	EFL (mm)	NA	Coating	Stock Number	Price	Buy
25.40	50.80	0.25	Laser V-Coat (355nm)	#39-556	€760,00	3-4 days
25.40	50.80	0.25	Laser V-Coat (532nm)	#39-558	€860,00	3-4 days
25.40	50.80	0.25	Laser V-Coat (1064nm)	#39-560	€860,00	3-4 days
50.80	101.60	0.25	Laser V-Coat (355nm)	#39-563	€990,00	3-4 days
50.80	101.60	0.25	Laser V-Coat (532nm)	#39-565	€1.170,00	Contact Us
50.80	101.60	0.25	Laser V-Coat (1064nm)	#39-567	€1.170,00	3-4 days



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Phone: 1-800-363-1992 :

www.edmundoptics.com