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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

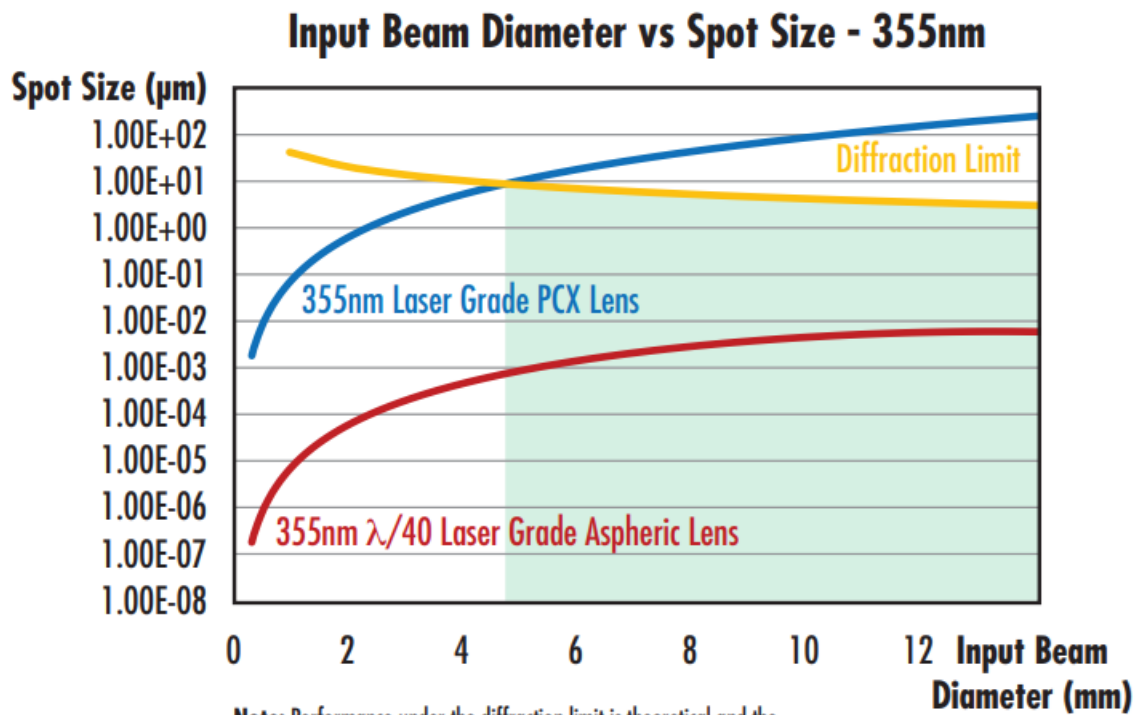
Physical & Mechanical Properties

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

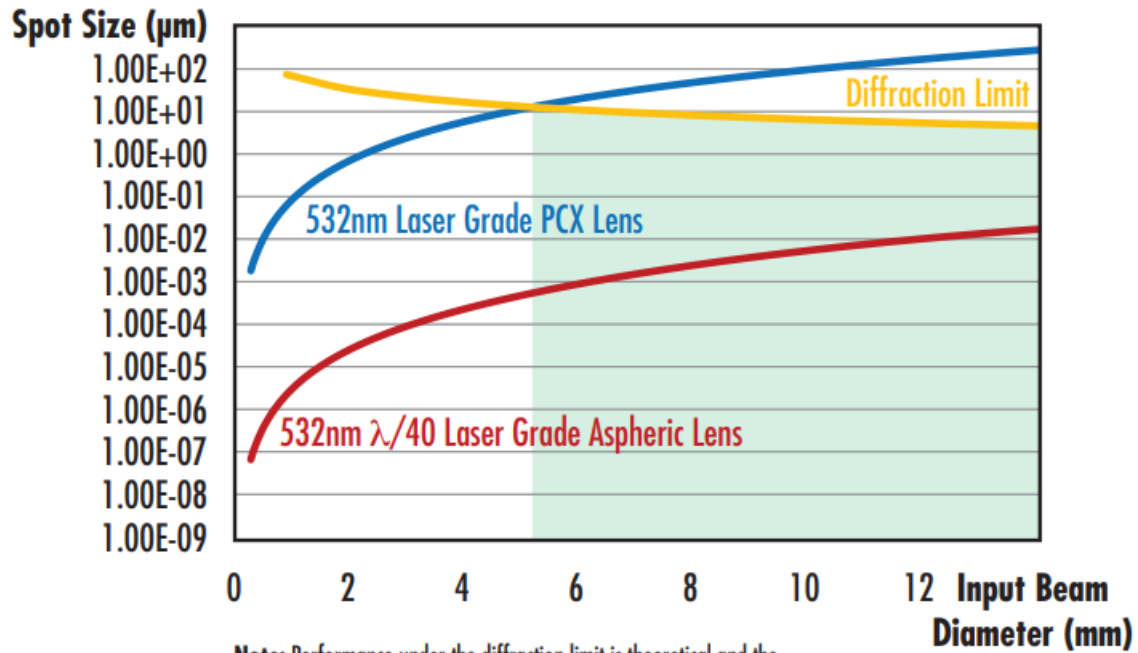
Optical Properties

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

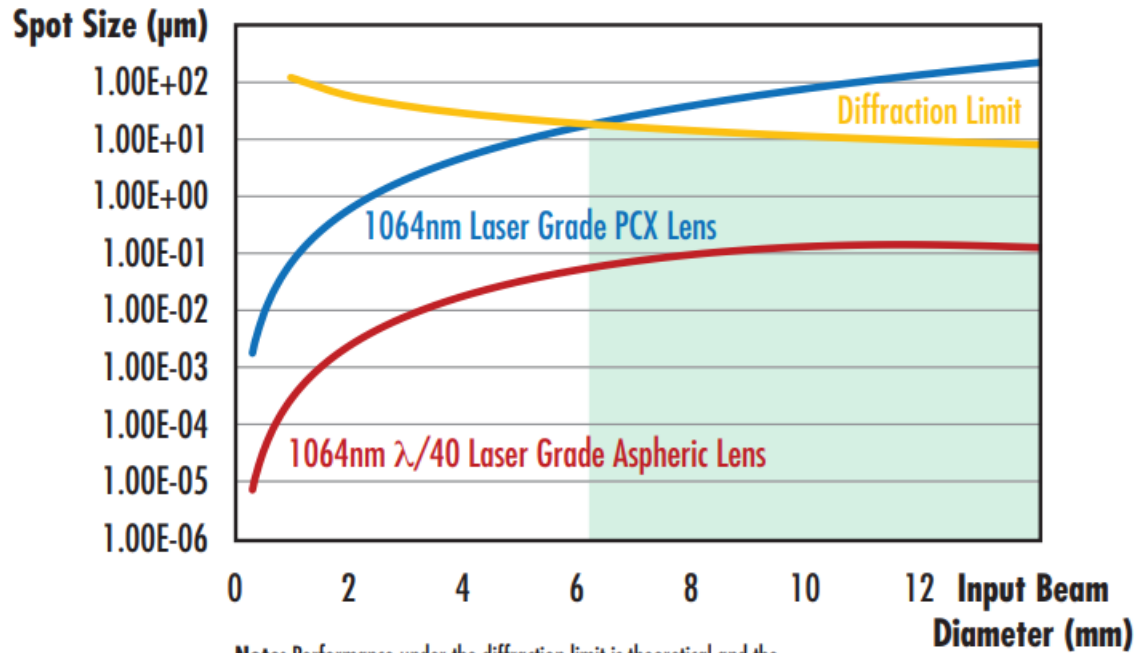
Technical Information



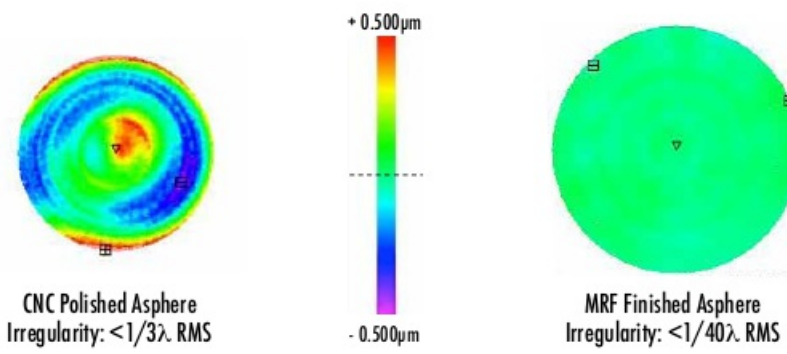
Input Beam Diameter vs Spot Size - 532nm



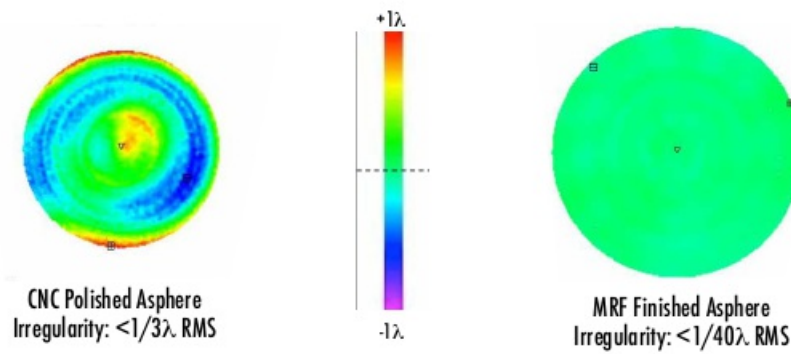
Input Beam Diameter vs Spot Size - 1064nm



+/- 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	€782,80	4 In Stock
25.40	50.80	0.25	Laser V-Coat (532nm)	#39-558	€885,80	Contact Us
25.40	50.80	0.25	Laser V-Coat (1064nm)	#39-560	€885,80	5 In Stock
50.80	101.60	0.25	Laser V-Coat (355nm)	#39-563	€1.019,70	Contact Us
50.80	101.60	0.25	Laser V-Coat (532nm)	#39-565	€1.205,10	20+ In Stock
50.80	101.60	0.25	Laser V-Coat (1064nm)	#39-567	€1.205,10	14 In Stock



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Phone: 1-800-363-1992 :

www.edmundoptics.com