

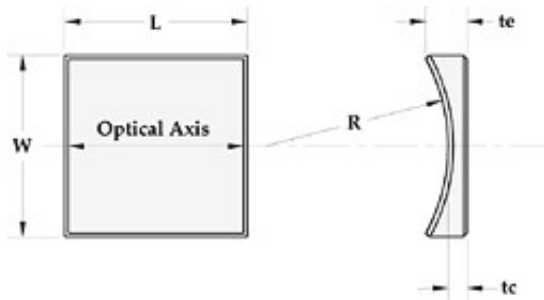


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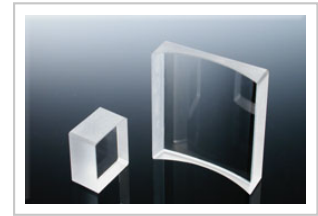
Cylindrical Lens – Rectangular Plano Concave (CYLC)



UV Grade CaF2

lenses are designed for use at 193-250nm

Concave side can be used as a reflector coating substrate
Anamorphic expansion



Plano-concave cylindrical lenses provide uni-axial negative imaging for anamorphic beam expansion and a wide range of applications. These lenses may also be used as mirror blanks if a concave cylindrical surface mirror is required.

Material:	UV Fused Silica Bk7A UV grade CaF2
Surface Flatness:	UVFS & BK7A: $< \lambda / 10 @ 633$ nm CaF2: $< \lambda / 4 @ 633$ nm
Surface Quality:	UVFS & Bk7a: $<10/5$ CaF2: $<20/10$
Centration Error:	< 3 arc min
Radius of Curvature	$\pm 0.5\%$

Tolerance:	
Diameter Tolerance:	< + 0.00 / – 0.20 mm
Thickness Tolerance:	< ± 0.25 mm
Clear Aperture:	>85% of central dimension

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Dimension

Material

Radius

Add to cart

ROHS

COMPLIANT

Additional information	
DIMENSION	<i>0.5" x 0.5", 1.0" x 1.0", 40 mm x 40 mm, 2.0" x 2.0", 40 mm x 25.4 mm</i>
MATERIAL	<i>UV Grade Fused Silica, UV Grade CaF2, BK7 Grade A</i>
RADIUS	<i>025 mm, 038 mm, 050 mm, 075 mm, 100 mm, 125 mm, 150 mm, 200 mm, 250 mm, 300 mm, 500 mm, 1000 mm</i>

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