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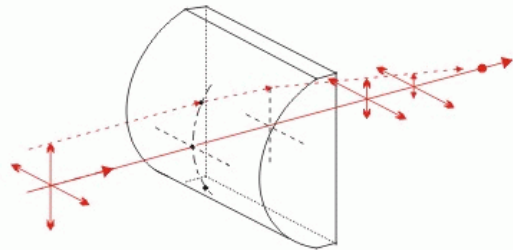
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Cylindrical Lenses

Cylindrical Plano-convex Lenses (N-BK7)

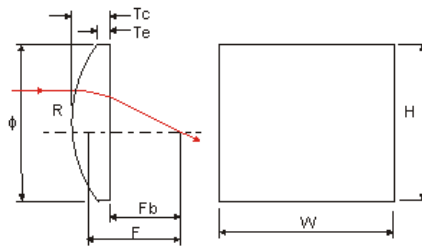
Specifications

Material: N-BK7
 Diameter tolerance: +/-0.1mm
 Design wavelength: 546.1nm
 Focal tolerance: +/-2%
 surface quality : 60-40 S/D
 Centration: 3 arcmin
 Surface flatness: λ/4 @633nm
 Clear aperture: 90%
 Bevel: Protective bevel

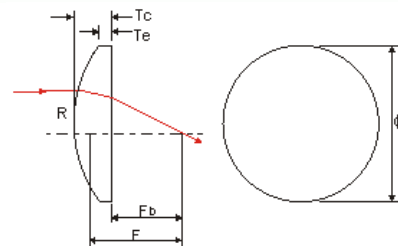


- Please Inquiry -

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Rectangular type



Circular type

Item#	Material	Φ/ (WxH)	F(mm)	R(mm)	Tc(mm)	Te(mm)	Fb(mm)
LC01-Φ5-8 (Round)	BK7	Φ5.0	+8.0	4.13	2.84	2.0	6.14
LC01-Φ8-9.2 (Round)	BK7	Φ8.0	+9.2	4.74	4.20	2.0	6.44
LC01-Φ8-10 (Round)	BK7	Φ8.0	+10.0	5.17	3.9	2.0	7.43
LC01-Φ12-12.5 (Round)	BK7	Φ12.7	+12.5	6.43	7.44	2.0	7.57
LC01-Φ12-25 (Round)	BK	Φ12.7	+25.0	12.88	3.67	2.0	22.58
LC01-Φ12-50 (Round)	BK7	Φ12.7	+50.0	25.75	2.80	2.0	48.17
LC01-Φ25-75 (Round)	BK7	Φ25.4	+75.0	38.64	4.15	2.0	72.28
LC01-Φ25-100 (Round)	BK7	Φ25.4	+100.0	51.52	4.59	2.0	96.99
LC01-Φ25-150 (Round)	BK7	Φ25.4	+150.0	77.27	4.05	2.0	147.34
LC01-10X10-12.7	BK7	10.0x10.0	+12.7	6.54	4.3	2.0	9.8
LC01-10x10-20	BK7	10.0x10.0	+20	10.29	3.3	2.0	17.8
LC01-10X10-25	BK7	10.0x10.0	+25	12.87	3.0	2.0	23.0
LC01-12x10-10	BK7	12.0x10.0	+10	5.2	5.9	2.0	6.17
LC01-12x10-15	BK7	12.0x10.0	+15	7.8	3.8	2.0	12.6
LC01-12x10-20	BK7	12.0x10.0	+20	10.34	3.3	2.0	17.8
LC01-20x10-12.7	BK7	20.0x10.0	+12.7	6.54	4.3	2.0	9.8
LC01-20x10-20	BK7	20.0x10.0	+20.0	10.29	3.3	2.0	17.8
LC01-20x10-25	BK7	20.0x10.0	+25.0	12.87	3.0	2.0	23.0
LC01-20X20-50	BK7	20.0x20.0	+50.0	25.73	4.0	2.0	47.3
LC01-20x20-75	BK7	20.0x20.0	+75.0	38.60	3.3	2.0	72.8
LC01-20x20-100	BK7	20.0x20.0	+100.0	51.47	4.0	2.0	97.3
LC01-20x20-150	BK7	20.0x20.0	+150.0	77.20	3.7	3.0	147.5
LC01-20x20-200	BK7	20.0x20.0	+200.0	102.93	3.5	3.0	197.7
LC01-20x20-250	BK7	20.0x20.0	+250.0	128.67	3.3	3.0	247.7
LC01-20x20-300	BK7	20.0x20.0	+300.0	154.40	3.2	3.0	297.8
LC01-20x20-500	BK7	20.0x20.0	+500.0	257.33	4.0	3.0	497.9
LC01-40x20-50	BK7	40.0x20.0	+50.0	25.73	3.3	3.0	47.3
LC01-40x20-75	BK7	40.0x20.0	+75.0	38.60	3.3	2.0	72.8
LC01-40x20-100	BK7	40.0x20.0	+100.0	51.47	4.0	2.0	97.3
LC01-40x20-150	BK7	40.0x20.0	+150.0	77.20	3.7	3.0	147.5
LC01-40x20-200	BK7	40.0x20.0	+200.0	102.93	3.5	3.0	197.7
LC01-40x20-250	BK7	40.0x20.0	+250.0	128.67	3.4	3.0	247.7
LC01-40x20-300	BK7	40.0x20.0	+300.0	154.40	3.3	3.0	297.8
LC01-40x20-500	BK7	40.0x20.0	+500.0	257.33	3.2	3.0	497.9

Choose Anti-reflective Coatings

- Single layer MgF₂
- Multiple layers AR coating
 R<0.25% @ Laser line (view the curve)
 R<0.5% @ Broadband Wavelength (view the curve)

How to order Cylindrical Lenses?

Example:

Material: N-BK7
 Shape: Plano-Convex Cylindrical
 Size or Diameter: 12(W)x10(H) +/-1mm
 Focal, Radius: F=+15mm, R=7.8mm
 Thickness: Tc=3.8±0.1mm
 Surface quality: 60-40 S/D
 Flatness: λ/4 @633nm
 Centration: 3'

Coating: AR @800nm, R<0.5%, AOI=0°

Price on Request

Custom Design

Volume Discount

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