

Concave Mirror Substrate for Laser | LCBS

RoHS

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Windows

processed with high surface flatness on both the front and back surface of the concave mirror. Concave mirrors are also available with a dielectric multi-layer film with high laser damage threshold.

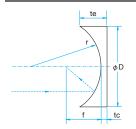
These concave substrates are the primary substrate used by mirrors for the laser resonator. It is



- Large selection of diameter and focal length is available on our website and in our catalog.
- Because it is also polished on the back side, it is possible to use for input of excitation laser or extraction of sample beam.
- The substrate can also be used as a test plate for convex lens surface because of the high accuracy and precision of the radius of curvature.

Schematic	
	Rear surface: precision polished
Front surface: precision polished (concave)	>

Outline Drawing



- Tolerance Diameter $\phi D_{-0.1}^{+0}$ Thickness tc ±0.2
- ■Relationship between focal length "f" and the radius of curvature "r" of the concave mirror r = 2f

Specifications	
Material	BK7
Surface accuracy	Front (concave) $\lambda/4$ Rear (flat) $\lambda/4$
Radius Tolerance	±1%
Coating	Uncoated
Clear aperture	90% of actual diameter
Surface Quality (Scratch-Dig)	20–10

Guide

▶ Concave reflector mirror substrate (TCA) is also available for use with a light source or lamp reflector telescope.

Attention

▶ The outer periphery of the concave edge is chamfered and thickness of edge (te) may vary. For this reason, please use the back side as the reference plane.

φ10					
Part Number	Diameter \$\phi D\$ [mm]	Edge thickness te [mm]	Center thickness tc [mm]	Radius of curvature r [mm]	Focal length f [mm]
LCBS-10C05-10	φ10	5	3.7	10	5
LCBS-10C05-15	φ10	5	4.1	15	7.5
LCBS-10C05-20	φ10	5	4.4	20	10
LCBS-10C05-25	φ10	5	4.5	25	12.5
LCBS-10C05-30	φ10	5	4.6	30	15
LCBS-10C05-40	φ10	5	4.7	40	20
LCBS-10C05-50	φ10	5	4.7	50	25
LCBS-10C05-60	φ10	5	4.8	60	30
LCBS-10C05-70	φ10	5	4.8	70	35
LCBS-10C05-80	φ10	5	4.8	80	40
LCBS-10C05-90	φ10	5	4.9	90	45
LCBS-10C05-100	φ10	5	4.9	100	50
LCBS-10C05-120	φ10	5	4.9	120	60
LCBS-10C05-150	φ10	5	4.9	150	75
LCBS-10C05-200	φ10	5	4.9	200	100
LCBS-10C05-250	φ10	5	4.9	250	125
LCBS-10C05-300	φ10	5	5.0	300	150
LCBS-10C05-400	φ10	5	5.0	400	200
LCBS-10C05-500	φ10	5	5.0	500	250
LCBS-10C05-600	φ10	5	5.0	600	300
LCBS-10C05-700	φ10	5	5.0	700	350
LCBS-10C05-800	φ10	5	5.0	800	400
LCBS-10C05-1000	φ10	5	5.0	1000	500
LCBS-10C05-1500	φ10	5	5.0	1500	750
LCBS-10C05-2000	φ10	5	5.0	2000	1000
LCBS-10C05-2500	φ10	5	5.0	2500	1250
LCBS-10C05-3000	φ10	5	5.0	3000	1500
LCBS-10C05-4000	φ10	5	5.0	4000	2000
LCBS-10C05-5000	φ10	5	5.0	5000	2500
LCBS-10C05-10000	φ10	5	5.0	10000	5000
LCBS-10C05-30000	φ10	5	5.0	30000	15000

φ15							
Part Number	Diameter \$\phi D\$ [mm]	Edge thickness te [mm]	Center thickness tc [mm]	Radius of curvature r [mm]	Focal length f [mm]		
LCBS-15C07-10	φ15	7	3.6	10	5		
LCBS-15C07-15	φ15	7	5.0	15	7.5		
LCBS-15C05-20	φ15	5	3.5	20	10		
LCBS-15C05-25	φ15	5	3.8	25	12.5		
LCBS-15C05-30	φ15	5	4.0	30	15		
LCBS-15C05-40	φ15	5	4.3	40	20		
LCBS-15C05-50	φ15	5	4.4	50	25		
LCBS-15C05-60	φ15	5	4.5	60	30		
LCBS-15C05-70	φ15	5	4.6	70	35		
LCBS-15C05-80	φ15	5	4.6	80	40		
LCBS-15C05-90	φ15	5	4.7	90	45		
LCBS-15C05-100	φ15	5	4.7	100	50		
LCBS-15C05-120	φ15	5	4.8	120	60		
LCBS-15C05-150	φ15	5	4.8	150	75		
LCBS-15C05-200	φ15	5	4.9	200	100		
LCBS-15C05-250	φ15	5	4.9	250	125		
LCBS-15C05-300	φ15	5	4.9	300	150		
LCBS-15C05-400	φ15	5	4.9	400	200		
LCBS-15C05-500	φ15	5	4.9	500	250		
LCBS-15C05-600	φ15	5	5.0	600	300		
LCBS-15C05-700	φ15	5	5.0	700	350		
LCBS-15C05-800	φ15	5	5.0	800	400		
LCBS-15C05-1000	φ15	5	5.0	1000	500		
LCBS-15C05-1500	φ15	5	5.0	1500	750		
LCBS-15C05-2000	φ15	5	5.0	2000	1000		
LCBS-15C05-2500	φ15	5	5.0	2500	1250		
LCBS-15C05-3000	φ15	5	5.0	3000	1500		
LCBS-15C05-4000	φ15	5	5.0	4000	2000		
LCBS-15C05-5000	φ15	5	5.0	5000	2500		
LCBS-15C05-10000	φ15	5	5.0	10000	5000		
LCBS-15C05-30000	φ15	5	5.0	30000	15000		





φ20 – φ25					
φ20 – φ23	Diameter	Edge	Center	Radius of	Focal
Part Number	φD	thickness te	thickness tc	curvature r	length f
LCDC 00000 45	[mm]	[mm] 8	[mm] 4.2	[mm] 15	[mm] 7.5
LCBS-20C08-15 LCBS-20C08-20	φ20 φ20	8	5.3	20	7.5 10
LCBS-20C08-25	φ20	8	5.9	25	12.5
LCBS-20C05-30	φ20	5	3.3	30	15
LCBS-20C05-40	φ20	5	3.7	40	20
LCBS-20C05-50	φ20	5	4.0	50	25
LCBS-20C05-60	φ20	5	4.2	60	30
LCBS-20C05-70	φ20	5	4.3	70	35
LCBS-20C05-80	φ20	5	4.4	80	40
LCBS-20C05-90 LCBS-20C05-100	φ20 φ20	5 5	4.4 4.5	90	45 50
LCBS-20C05-100	φ20	5	4.6	120	60
LCBS-20C05-150	φ20	5	4.7	150	75
LCBS-20C05-200	φ20	5	4.7	200	100
LCBS-20C05-250	φ20	5	4.8	250	125
LCBS-20C05-300	φ20	5	4.8	300	150
LCBS-20C05-400	φ20	5	4.9	400	200
LCBS-20C05-500	φ20	5	4.9	500	250
LCBS-20C05-600	φ20	5	4.9	600	300
LCBS-20C05-700 LCBS-20C05-800	φ20	5 5	4.9	700	350 400
LCBS-20C05-800 LCBS-20C05-1000	φ20 φ20	5 5	4.9 5.0	800 1000	500
LCBS-20C05-1500	φ20	5	5.0	1500	750
LCBS-20C05-2000	φ20	5	5.0	2000	1000
LCBS-20C05-2500	φ20	5	5.0	2500	1250
LCBS-20C05-3000	φ20	5	5.0	3000	1500
LCBS-20C05-4000	φ20	5	5.0	4000	2000
LCBS-20C05-5000	φ20	5	5.0	5000	2500
LCBS-20C05-10000	φ20	5	5.0	10000	5000
LCBS-20C05-30000 LCBS-25C10-15	φ20	5	5.0	30000	15000
	あった	10	2 2	15	7.5
LCBS-25C10-15 LCBS-25C07-20	φ25 φ25	10 7	3.3 2.6	15 20	7.5 10
	φ25 φ25 φ25				
LCBS-25C07-20	φ25	7	2.6	20	10
LCBS-25C07-20 LCBS-25C07-25	φ25 φ25	7	2.6 3.7	20 25	10 12.5
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30	φ25 φ25 φ25	7 7 7	2.6 3.7 4.3	20 25 30	10 12.5 15
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60	φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5	2.6 3.7 4.3 5.0 5.4 3.7	20 25 30 40 50	10 12.5 15 20 25 30
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9	20 25 30 40 50 60	10 12.5 15 20 25 30 35
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0	20 25 30 40 50 60 70 80	10 12.5 15 20 25 30 35 40
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-90	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0	20 25 30 40 50 60 70 80	10 12.5 15 20 25 30 35 40
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0	20 25 30 40 50 60 70 80	10 12.5 15 20 25 30 35 40
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-90 LCBS-25C05-100	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1	20 25 30 40 50 60 70 80 90	10 12.5 15 20 25 30 35 40 45
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-90 LCBS-25C05-100 LCBS-25C05-120	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2	20 25 30 40 50 60 70 80 90 100	10 12.5 15 20 25 30 35 40 45 50
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-90 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150	φ25 φ25 φ25 φ26 φ26 φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3	20 25 30 40 50 60 70 80 90 100 120	10 12.5 15 20 25 30 35 40 45 50 60 75
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-90 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-200	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5	20 25 30 40 50 60 70 80 90 100 120 150 200	10 12.5 15 20 25 30 35 40 45 50 60 75
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-70 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-200 LCBS-25C05-200 LCBS-25C05-300 LCBS-25C05-300 LCBS-25C05-400	φ25 φ25 φ25 φ25 φ26 φ26 φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-70 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-250 LCBS-25C05-250 LCBS-25C05-300 LCBS-25C05-400 LCBS-25C05-500	φ25 φ25 φ25 φ25 φ26 φ26 φ27 φ27 φ28 φ28 φ28 φ28 φ28 φ28 φ28 φ28	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400 500	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-250 LCBS-25C05-250 LCBS-25C05-250 LCBS-25C05-300 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-600	φ25 φ25 φ25 φ25 φ25 φ26 φ26 φ26 φ27 φ27 φ27 φ28 φ28 φ28 φ29 φ29 φ29 φ29 φ29 φ29 φ29 φ29	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.8	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400 500 600	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250 300
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-70 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-250 LCBS-25C05-250 LCBS-25C05-300 LCBS-25C05-400 LCBS-25C05-500	φ25 φ25 φ25 φ25 φ26 φ26 φ27 φ27 φ28 φ28 φ28 φ28 φ28 φ28 φ28 φ28	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400 500	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-250 LCBS-25C05-250 LCBS-25C05-300 LCBS-25C05-500 LCBS-25C05-600 LCBS-25C05-600 LCBS-25C05-700	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.8 4.9	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400 500 600 700	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250 300 350
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-250 LCBS-25C05-300 LCBS-25C05-300 LCBS-25C05-600 LCBS-25C05-600 LCBS-25C05-700 LCBS-25C05-700 LCBS-25C05-800	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.9 4.9	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400 500 600 700 800	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250 300 350 400
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-120 LCBS-25C05-250 LCBS-25C05-200 LCBS-25C05-200 LCBS-25C05-300 LCBS-25C05-600 LCBS-25C05-700 LCBS-25C05-700 LCBS-25C05-800 LCBS-25C05-800 LCBS-25C05-800 LCBS-25C05-1000	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.9 4.9	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400 500 600 700 800 100 100 100 100 100 100 1	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250 300 350 400 500
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-80 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-120 LCBS-25C05-250 LCBS-25C05-200 LCBS-25C05-200 LCBS-25C05-300 LCBS-25C05-600 LCBS-25C05-700 LCBS-25C05-700 LCBS-25C05-800 LCBS-25C05-1000 LCBS-25C05-1000 LCBS-25C05-1000 LCBS-25C05-1000 LCBS-25C05-1500	φ25 φ25 φ25 φ25 φ25 φ25 φ26 φ26 φ27 φ26 φ27 φ27 φ27 φ28 φ28 φ28 φ29 φ29 φ29 φ29 φ29 φ29 φ29 φ29	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.8 4.9 4.9 4.9	20 25 30 40 50 60 70 80 90 100 120 250 300 400 500 600 700 800 1000 1500	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250 300 350 400 500 750
LCBS-25C07-20 LCBS-25C07-25 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-120 LCBS-25C05-200 LCBS-25C05-200 LCBS-25C05-200 LCBS-25C05-250 LCBS-25C05-200 LCBS-25C05-200 LCBS-25C05-300 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-1000 LCBS-25C05-1000 LCBS-25C05-1000 LCBS-25C05-2000 LCBS-25C05-2000 LCBS-25C05-2500 LCBS-25C05-2500 LCBS-25C05-2500 LCBS-25C05-2500 LCBS-25C05-2500 LCBS-25C05-2500	φ25 φ25 φ25 φ25 φ25 φ25 φ26 φ26 φ27 φ27 φ28 φ28 φ28 φ29 φ29 φ29 φ29 φ29 φ29 φ29 φ29	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.9 4.9 4.9 4.9 4.9 5.0	20 25 30 40 50 60 70 80 90 100 150 200 250 300 400 500 600 700 800 1000 1500 200 200 200 200 200 200 200	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250 300 350 400 750 1000
LCBS-25C07-20 LCBS-25C07-30 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-200 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-1500 LCBS-25C05-1500 LCBS-25C05-1500 LCBS-25C05-2000 LCBS-25C05-2000 LCBS-25C05-2000 LCBS-25C05-2000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.8 4.9 4.9 4.9 5.0 5.0 5.0	20 25 30 40 50 60 70 80 90 100 120 250 300 400 500 600 700 800 1000 500 600 700 800 400 500 600 70 80 80 80 80 80 80 80 80 80 8	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 250 300 350 400 500 750 1000 1250 1500 2000
LCBS-25C07-20 LCBS-25C07-30 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-70 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-250 LCBS-25C05-200 LCBS-25C05-200 LCBS-25C05-300 LCBS-25C05-300 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-1000 LCBS-25C05-1000 LCBS-25C05-1000 LCBS-25C05-2500 LCBS-25C05-1000 LCBS-25C05-2500 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-5000 LCBS-25C05-5000	φ25	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.9 4.9 4.9 5.0 5.0 5.0 5.0	20 25 30 40 50 60 70 80 90 100 120 150 200 250 300 400 500 600 700 800 100 500 600 700 800 600 700 800 800 800 800 800 800 8	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 150 200 250 300 350 400 750 1000 1250 1500 2000 2500
LCBS-25C07-20 LCBS-25C07-30 LCBS-25C07-30 LCBS-25C07-40 LCBS-25C07-50 LCBS-25C05-60 LCBS-25C05-70 LCBS-25C05-100 LCBS-25C05-120 LCBS-25C05-150 LCBS-25C05-200 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-500 LCBS-25C05-1500 LCBS-25C05-1500 LCBS-25C05-1500 LCBS-25C05-2000 LCBS-25C05-2000 LCBS-25C05-2000 LCBS-25C05-2000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000 LCBS-25C05-3000	φ25 φ25 φ25 φ25 φ25 φ25 φ25 φ25	7 7 7 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2.6 3.7 4.3 5.0 5.4 3.7 3.9 4.0 4.1 4.2 4.3 4.5 4.6 4.7 4.7 4.8 4.8 4.9 4.9 4.9 5.0 5.0 5.0	20 25 30 40 50 60 70 80 90 100 120 250 300 400 500 600 700 800 1000 500 600 700 800 400 500 600 70 80 80 80 80 80 80 80 80 80 8	10 12.5 15 20 25 30 35 40 45 50 60 75 100 125 250 300 350 400 500 750 1000 1250 1500 2000

φ30 Diameter Edge Center Radius of Focal						
Part Number	Diameter φD [mm]	thickness te	thickness tc	curvature r	length f	
LCBS-30C10-20		[mm] 10	[mm] 3.2	[mm] 20	[mm] 10	
LCBS-30C10-25	φ30	10		25 25	12.5	
	φ30		5.0			
LCBS-30C07-30	φ30	7	3.0	30	15	
LCBS-30C07-40	φ30	7	4.1	40	20	
LCBS-30C07-50	φ30	7	4.7	50	25	
LCBS-30C07-60	φ30	7	5.1	60	30	
LCBS-30C07-70	φ30	7	5.4	70	35	
LCBS-30C07-80	φ30	7	5.6	80	40	
LCBS-30C07-90	φ30	7 <u>-</u>	5.7	90	45	
LCBS-30C07-100	φ30	7	5.9	100	50	
LCBS-30C05-120	φ30	5	4.1	120	60	
LCBS-30C05-150	φ30	5	4.2	150	75	
LCBS-30C05-200	φ30	5	4.4	200	100	
LCBS-30C05-250	φ30	5	4.5	250	125	
LCBS-30C05-300	φ30	5	4.6	300	150	
LCBS-30C05-400	φ30	5	4.7	400	200	
LCBS-30C05-500	φ30	5	4.8	500	250	
LCBS-30C05-600	φ30	5	4.8	600	300	
LCBS-30C05-700	φ30	5	4.8	700	350	
LCBS-30C05-800	φ30	5	4.9	800	400	
LCBS-30C05-1000	φ30	5	4.9	1000	500	
LCBS-30C05-1500	φ30	5	4.9	1500	750	
LCBS-30C05-2000	φ30	5	4.9	2000	1000	
LCBS-30C05-2500	φ30	5	5.0	2500	1250	
LCBS-30C05-3000	φ30	5	5.0	3000	1500	
LCBS-30C05-3500	φ30	5	5.0	3500	1750	
LCBS-30C05-4000	φ30	5	5.0	4000	2000	
LCBS-30C05-5000	φ30	5	5.0	5000	2500	
LCBS-30C05-10000	φ30	5	5.0	10000	5000	
LCBS-30C05-30000	φ30	5	5.0	30000	15000	

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