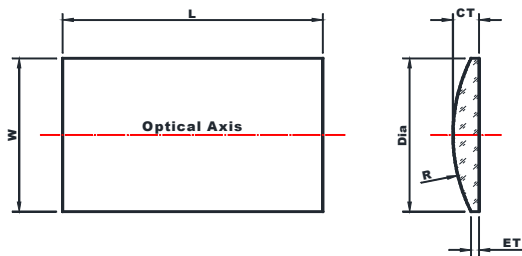
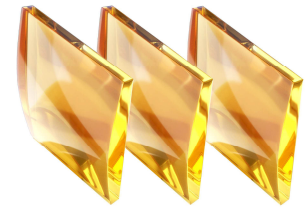


## Znse Cylindrical Lenses

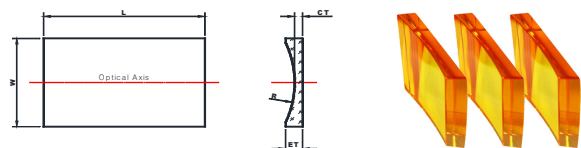
Cylindrical lenses are either round or rectangular objects with cylindrically shaped surfaces. They differ from spherical lenses in that they focus a beam to a focal line rather than a focal point. Its application include laser scanners, laser diode systems, spectrophotometers, projectors and optical data storage and retrieval systems.



Specifications	
Materials	Laser Grade CVD ZnSe
Surface Flatness	$\lambda/20$ @ 10.6um
Focal Length Tolerance	+/-2% @10.6um
Dimension Tolerance	+0.0, -0.13mm
Thickness Tolerance	$\pm 0.25$ mm
Centration	$\leq 3$ arc minutes
Clear Aperture Diameter	$\geq 85\%$ of Diameter
Surface Quality	80/50

## LZCY Series - Plano-Convex

Part No.	L x W (mm)	EFL (mm)@10.6um	R (mm)	t <sub>c</sub> (mm)
LZCY-25x25Z-25	25.4x25.4	25.4	35.56	5.0
LZCY-25x25Z-38	25.4x25.4	38.1	53.34	5.0
LZCY-25x25Z-50	25.4x25.4	50.8	71.12	5.0
LZCY-25x25Z-63	25.4x25.4	63.5	88.9	5.0
LZCY-25x25Z-76	25.4x25.4	76.2	106.7	5.0
LZCY-25x25Z-88	25.4x25.4	88.9	124.5	5.0
LZCY-25x25Z-95	25.4x25.4	95.3	131.5	5.0
LZCY-25x25Z-101	25.4x25.4	101.6	142.2	5.0
LZCY-25x25Z-127	25.4x25.4	127.0	177.8	5.0
LZCY-25x25Z-190	25.4x25.4	190.5	266.7	5.0
LZCY-25x25Z-254	25.4x25.4	254.0	355.6	5.0
LZCY-25x25Z-381	25.4x25.4	381.0	533.4	5.0
LZCY-50x50Z-5	50.8x50.8	127.0	178.0	6.5
LZCY-50x50Z-10	50.8x50.8	254.0	356.0	6.5



## LZCY Series - Plano-Concave

Part No.	L x W (mm)	EFL (mm)@10.6um	R (mm)	t <sub>c</sub> (mm)
LZCY-25x25Z+38.1	25.4x25.4	-38.1	-53.45	4.0
LZCY-25x25Z+72.4	25.4x25.4	-72.4	-101.56	2.5
LZCY-25x25Z+254	25.4x25.4	-254.0	-355.9	3.0