

Plano Convex Cylindrical Lenses

<http://www.brdoptical.com/cylindrical-lens/plano-convex-cylindrical-lens-650.html>

BRD Optical mainly provide custom cylindrical lens service , can provide plano convex cylinder lens , plano concave cylinder lens , square cylinder lens etc ,more our cylinder lens mainly used for laser projection ,and laser line focussing etc

A plano-convex cylindrical lens is used to condense light in one axis. A positive cylindrical lens is able to create a line image from a point of light, to change the aspect ratio of an image or to focus collimated input light to a line. Plano-convex cylindrical lenses are typically used for illumination of slit and line detector arrays, laser projection, laser line focussing and anamorphic beam shaping. BRD Optics has many kinds of cylindrical lens in stock ,can send some samples for you to check quality .

Here are the specifications of Cylindrical lens:

Material : Optical glass/Fused silica etc

Dimension : 2-300mm

Dimension Tolerance : +/-0.05mm +/-0.1mm

Center thickness : 2-20mm

Surface Quality :60/40,40/20,20/10,10/5

Surface accuracy : $\lambda/2 \sim \lambda/10$ @632.8nm, 532nm

Coating : as per customer's request

Any questions please contact me :

Rose Cao sales@brdoptical.com