Fly-Eyes V grooves assembly
The assembly should have up to 10 lines of 9 fibers each along the following drawing.
- pitch along the lines shall be 0.550 ± 0.0005 mm.
- pitch along the column when assembled 0.360 ± 0.0005 mm.
- thickness of the wafers used was 0.345 +/- 0.002 mm
- distance from the center of the first (or the last) fiber to the extremity of the substrate is 0.30 mm.
- final dimensions are 5.00 x 5.00 mm².
- remaining distance between two successive substrates should be 0.015 mm.

The material of the substrate is silicon.

All these data are from the manufacturer we don’t do to any measurements.