

# COMAR

Optics for the real world

## 63 UU 40

Quality planoconcave cylindrical lenses

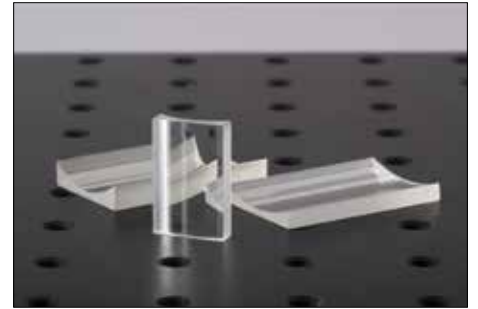
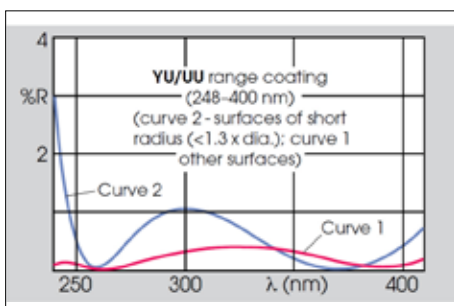


Photo representative of the Quality planoconcave cylindrical lenses range, and may not show the part 63 UU 40.

### 63 UU 40 specification

|                                   |                     |
|-----------------------------------|---------------------|
| Dimensions (mm)                   | 40 x 25             |
| Dimensional tolerance (mm)        | +0,-0.25 mm         |
| Rod diameter (mm) +/- 10%         | n/a                 |
| Rod length (mm)                   | n/a                 |
| Focal length (mm)                 | 63                  |
| Focal length tolerance (at 587nm) | ±2.5%               |
| Back focal length (mm)            | 64                  |
| Aperture (mm)                     | —                   |
| Centre thickness (mm)             | 1.5                 |
| Thickness (thinnest point)        | 1.5 mm              |
| Spread angle from a 1mm beam      | n/a                 |
| Scratch-dig                       | 60-40               |
| Centration                        | 5mrad               |
| Wedge (along axis)                | 4mrad               |
| Form                              | Rectangular         |
| Glass type/material               | UV-silica           |
| Coating type                      | AR coated 248-400nm |
| Mounted/unmounted                 | Unmounted           |
| Mounting part used                | n/a                 |



Two typical curves are shown for each coating. Curve 2 applies only to convex surfaces of short radius (R greater than 1.33 x dia.) and Curve 1 to all other surfaces.