Aspherical Cylindrical Lens Array

Precision molding actualized, aspherical cylindrical lens array, of which the shape is designed so that cylindrical surfaces with different shapes are orthogonal to both sides of a glass plate.

Each cylindrical surface can also be designed as aspherical shape.

This is optimum for integrator optics.

The shape is designed so that cylindrical surfaces with different shapes are orthogonal to both sides of a glass plate.

Cylindricality of each surface is the optimized aspherical shape.

Application

- Optical fiber coupling
- Light dispersion
- Forming laser lines, and so on

Sample Specification

<table>
<thead>
<tr>
<th>Material</th>
<th>K-PBK40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside dimensions</td>
<td>8mm×8mm</td>
</tr>
<tr>
<td>Lens thickness</td>
<td>0.7mm</td>
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<tr>
<td>Number of lens</td>
<td>30×30</td>
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<tr>
<td>Lens pitch</td>
<td>0.250mm</td>
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<tr>
<td>Focal length</td>
<td>1.0mm</td>
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<tr>
<td>Curvature radius</td>
<td>0.69mm - 0.40mm</td>
</tr>
</tbody>
</table>

※サンプル(有償)につきましては、別途お問合せ下さい。

Others, the special shape examples of cylindrical surfaces applied
