Corning Augmented Reality Solutions is uniquely positioned to deliver an integrated glass solution including high-index glass with high optical transmission and exceptional flatness, high-throughput metrology expertise, and fully automated laser cutting technology.

**Benefits**
- High transparency
- Low birefringence
- High index (index 1.7 and above)
- High durability
- Optical quality
- Low TTV
- High mechanical stability, stiffness, better geometrical stability

**High Index Glass Wafers**
Fully integrated supply chain from raw glass melting to wafer-finishing processes

<table>
<thead>
<tr>
<th>Material</th>
<th>Dimensions</th>
<th>Geometry</th>
<th>Surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>High index glass (1.7 index and above)</td>
<td>Rounds D150–300mm ≥ 0.3mm thickness</td>
<td>TTV* ≤2µm Bow ≤20µm Wedge ≤0.1 arcmin</td>
<td>Roughness &lt;2nm Cosmetic** 40/20</td>
</tr>
</tbody>
</table>

Supported by Tropel® Flatmaster®, a high throughput metrology tool capable of measuring tight geometrical surface attributes accurately and rapidly

* Total thickness variation
** Scratches and digs

For augmented reality applications, Corning’s solutions deliver outstanding field of view, image quality, and definition (sharpness, contrast, and low chromatic aberrations).