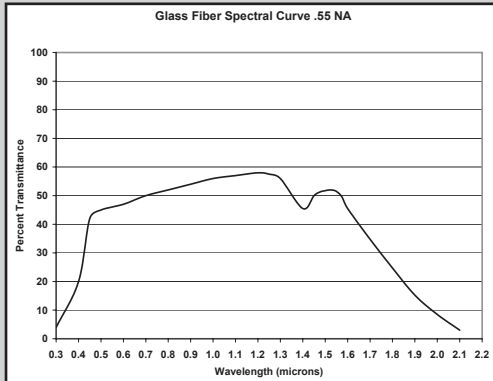


## Glass Fiber Optic Back Lights - Borosilicate core/Borosilicate clad

### Spectral Curve of Glass Fibers



### Fiber Specifications (Not Back Light Output)

|                           |   |
|---------------------------|---|
| Individual Fiber Diameter | 0.002" (0.051 mm) Typical; 0.001" (0.025 mm) Available              |
| Acceptance Cone           | 68.0°   |
| Numerical Aperture        | .55   |
| Fiber Material            | Core: Borosilicate Cladding: Borosilicate                           |
| Temperature capabilities  | QVABL, QVMABL, and QVABL22:<br>-40°F to 220°F (-40°C to 107°C)      |
| Spectral Transmittance    | 400nm-2000nm (.40-2.0 microns)                                      |
| Minimum Bend Radius       | 1 1/2" for 1/8" and 1/16" bundle diameter / 3" for 1/4" bundle dia. |
| Maximum Breakage          | 2%  |
| Housing Material          | QVABL, QVABL22: Anodized Black Aluminum<br>QVMABL : Black Nylatron  |
| Diffuser Material         | QVABL, QVMABL, QVABL22: Acrylic                                     |

### QVABL SERIES

