

ST365-35

UV-Vis Borosilicate Glass Fiber with Transmission from **UVA (365 nm)**

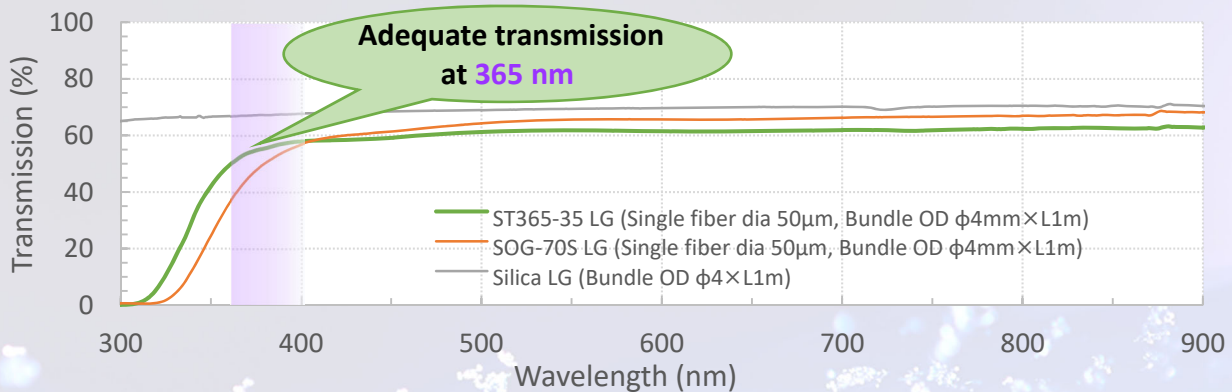
Compared to typical silica fibers, **ST365-35 Borosilicate fibers**

- Are thin and highly flexible, allowing the fiber bundles to be assembled in complex shapes and randomized
- Boast larger NA, enabling efficient light collection

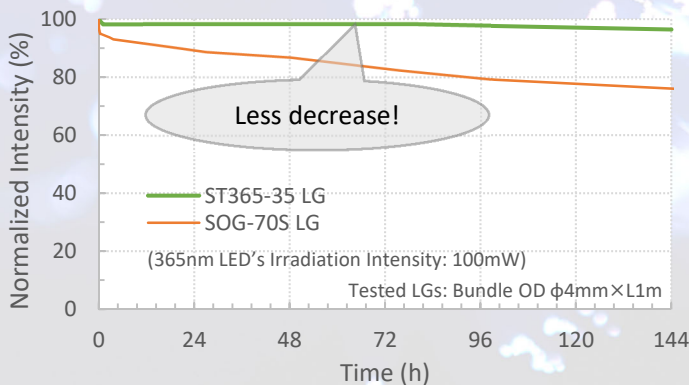


Applications: UV Curing / Penetrant testing / Detection of flux residues on PCBs/ Leak detection / UV-excited fluorescence and phosphorescence / Medical Applications etc.

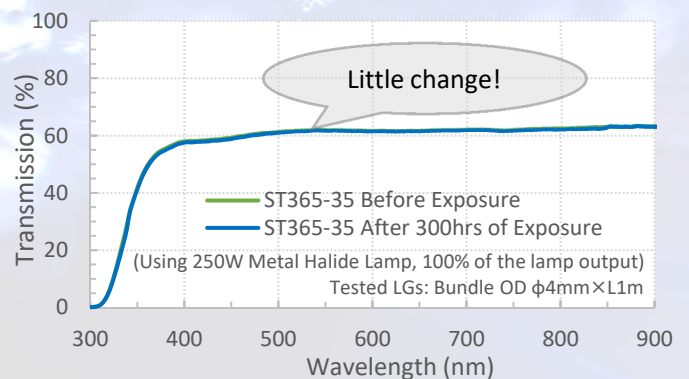
Light Guide (LG) Transmission Comparison



Output Light Intensity over time using 365 nm LED



Solarization Stability



Specification

Single fiber diameter	50 μm / 30 μm \pm 3 μm
Numerical Aperture (NA)	0.32
Opening Angle (2θ)	38° @587 nm

Larger NA than silica fiber (NA 0.22)!