

Tech Brief

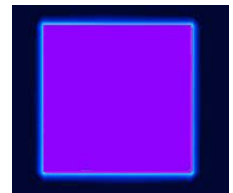
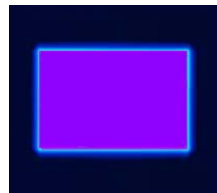
UV Light Source Homogenization

Homogenize Your UV Light Source

Most UV applications such as curing, gluing and illumination require a uniform light distribution in order to achieve the best possible results. With SUSS MicroOptics UV homogenization components, you will have an easy solution even for very demanding applications.

Features

- Perfect uniformity in working plane (flat-top profile)
- Flat-top shapes: Square, rectangular, circular, line
- Compact design
- Easy to use
- UV grade Fused Silica: Very high power
- Suitable for all light sources (mercury arc lamps, Excimer Laser, UV LED, ...)
- Antireflection coatings for UV broad band or specific wavelengths available



A Large Selection of Modules Available

- Standard off-the-shelf solutions
- Tailor-made specific modules

Typical Applications

- UV curing of glue, varnish, resist etc.
- Banknotes verification, forensic investigation
- Sun Simulators
- Display Assembly
- Fluorescence light for medical, chemical or biological applications



Your Benefit

Better uniformity means improved performance and yield. Our technology is your benefit!

Improve your UV illumination system? Contact Us!

Contact

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