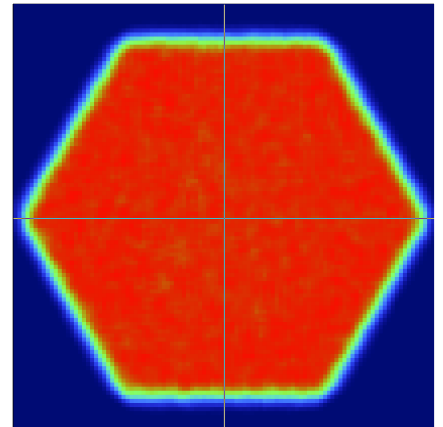


SCHOTT® Illumination Homogenizer

Glass clad hexagonal mixing rods provide uniform LED and laser light illumination



Sample Applications

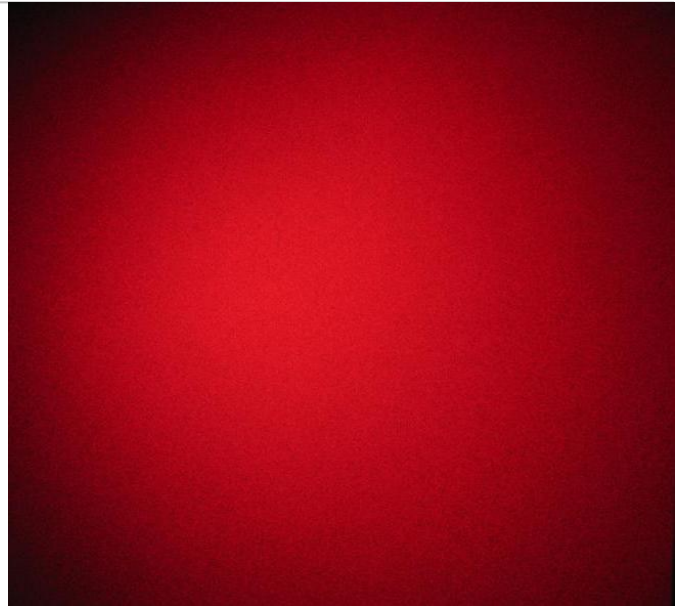
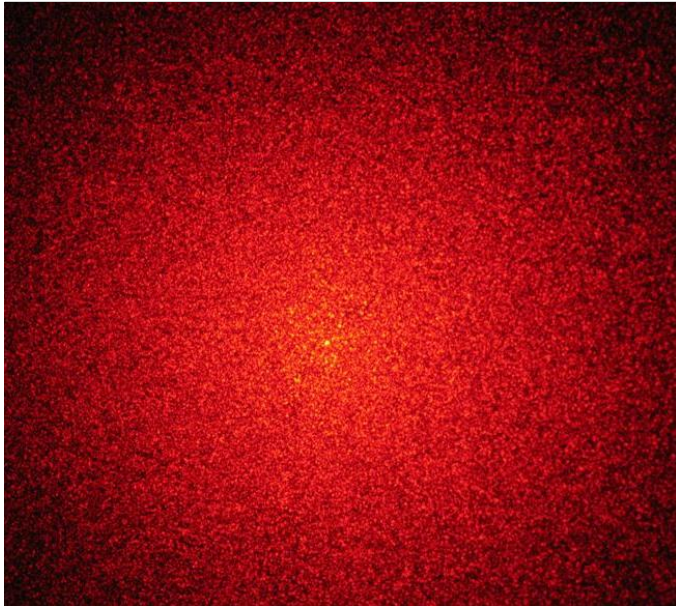
Illumination Homogenizers can be used in:

- Medical imaging systems
- Laser targeting
- Industrial inspection systems
- RGB projection systems
- Medical sensors & detectors.

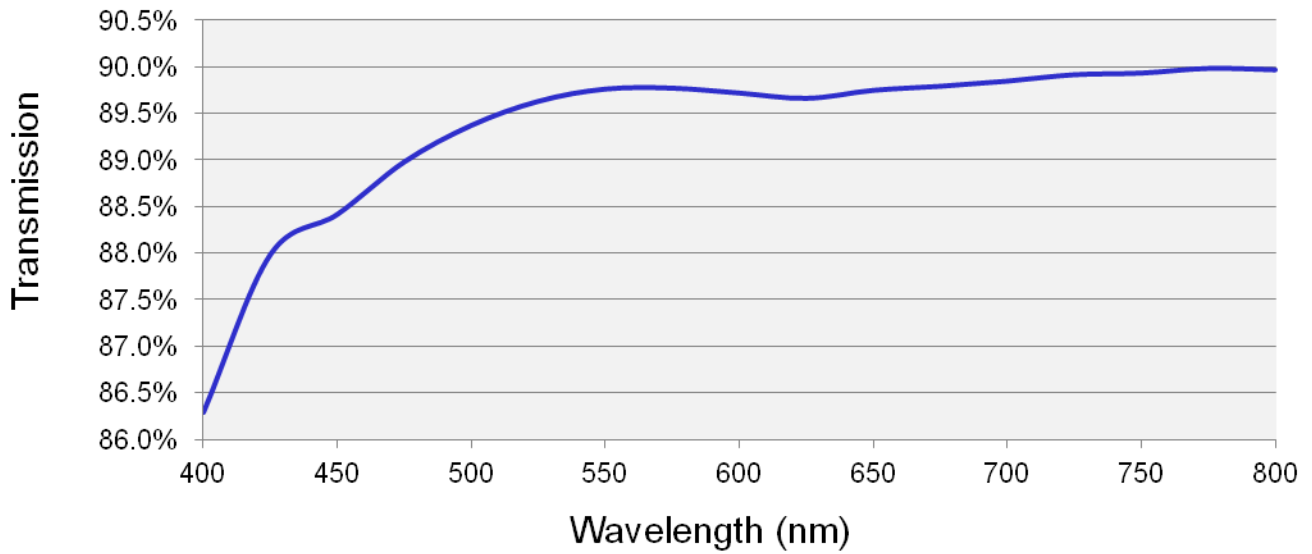
Product Specifications

- Numerical Aperture: 0.4, 0.28, 0.35 up to 1.0
- Diameters up to 10mm, most common
- Material optical characteristics enable mixing rods from 340-1800nm
- Length to diameter aspect ratio of mixing rod, 20.1 typical for uniform mixing

Performance Characteristics
Optical clad material enables simple installation and mounting
Improved transmission over polymers in the visible spectrum
Operational temperatures up to 350°C
Geometry optimized for uniform intensity distribution
Improved speckle noise
Customized input geometry to match launch conditions
System matched numerical apertures available
Custom sizes available
Compatible with common optical coatings (AR, HM, ITO, etc.)



Reference transmission of 2" long clad mixing rod (material 75C, NA 0.58, 3.4mm hex)



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All specifications are subject to change without prior notice.
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