

# Light Pipes Homogenize Non-Uniform Light Sources



Edmund Optics announced the TechSpec family of light pipe homogenizing rods for OEM illumination needs. The rods use total internal reflection to turn a non-uniform light source into uniform illumination and deliver it to the target site. Also known as integrating rods, light pipes utilize total internal reflection to effectively randomize entrance angles at their output aperture. The result is a homogenization of the original light source's spatial intensity distribution, providing greater uniformity of illumination at the rod's end. These rods are suitable for applications where point sources such as LEDs must be combined and made to deliver even lighting. TechSpec Homogenizing Rods are available in 2 mm, 5 mm, and 10 mm apertures and have lengths approximately 12x the aperture size. Prices range from \$60 to \$85, and all options are available for immediate delivery.

Edmund Optics

800-363-1992, [www.edmundoptics.com](http://www.edmundoptics.com) [1]

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**Links:**

[1] <http://www.edmundoptics.com/>