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TECHSPEC® 4mm 3X, 50mm Length, Standard NA Tapered Light Pipe



TECHSPEC® Tapered Light Pipe Homogenizing Rods



Stock **#65-843** **20+ In Stock**

⊖ 1 ⊕ **\$\$267⁰⁰**

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-5 | \$\$267.40 each |
| Qty 6-25 | \$\$215.60 each |
| Qty 26-99 | \$\$201.60 each |
| Need More? | Request Quote |

Product Downloads

General

Type: Light Pipe

Physical & Mechanical Properties

Length (mm): 50.00

| | |
|---------------------------|--|
| 5.00 | Parallelism (arcmin): |
| ±0.3 | Length Tolerance (mm): |
| Standard | Light Source NA: |
| Optical Properties | |
| Uncoated | Coating: |
| 4 x 4 | Entrance Aperture (mm): |
| 12 x 12 | Exit Aperture (mm): |
| N-BK7 | Substrate: <input type="checkbox"/> |
| 3X | Magnification: |
| 60-40 | Surface Quality: |
| ±0.10 | Aperture Tolerance (mm): |
| Light Homogenization | Image Orientation: |
| 350 - 2200 | Wavelength Range (nm): |
| 1λ | Surface Flatness (P-V): |

| | |
|------------------------------|------------------------------------|
| Regulatory Compliance | |
| Compliant | RoHS 2015: |
| Compliant | Reach 209: |
| View | Certificate of Conformance: |

Need different specs or modifications?

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Homogenizes Light Output
- Reduces Output NA
- Perfect for LED Sources
- Additional [Light Pipe Homogenizing Rods](#) Available

TECHSPEC® Tapered Light Pipe Homogenizing Rods utilize total internal reflection to homogenize non-uniform light sources regardless of their spectral characteristics. These rods are perfect for use with LED sources. The Numerical Aperture (NA) of the light output is reduced proportionally to the magnification, allowing significant reduction in NA of the output light. TECHSPEC® Tapered Light Pipe Homogenizing Rods are available in both 2X and 3X magnifications. The uncoated rods are offered in Standard or Low NA Tapered Light Pipes.

[Tapered Light Pipe Homogenizing Rod Mounts](#), specifically designed to hold our TECHSPEC® Tapered Light Pipe Homogenizing Rods, are available; these mounts greatly simplify the handling and integration of these components.

Technical Information



