

TECHSPEC<sup>®</sup> 5mm Aperture x 60mm L Standard NA, Fused Silica Light Pipe



Fused Silica Light Pipe Homogenizing Rods



Stock **#63-094** 20+ In Stock

-

1

+

£191<sup>20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | £191.20 each                  |
| Qty 6-25       | £153.60 each                  |
| Qty 26-49      | £144.00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Light Pipe

Physical & Mechanical Properties

|       |                         |
|-------|-------------------------|
| 4     | Clear Aperture CA (mm): |
| 60.00 | Length (mm):            |
| 5.00  | Parallelism (arcmin):   |
| ±0.3  | Length Tolerance (mm):  |

|          |                  |
|----------|------------------|
| Standard | Light Source NA: |
|----------|------------------|

Optical Properties

|                             |                                     |
|-----------------------------|-------------------------------------|
| Uncoated                    | Coating:                            |
| Fused Silica (Corning 7980) | Substrate: <input type="checkbox"/> |
| 60-40                       | Surface Quality:                    |
| 5.00                        | Entrance and Exit Aperture (mm):    |
| ±0.10                       | Aperture Tolerance (mm):            |
| Light Homogenization        | Image Orientation:                  |
| 200 - 2200                  | Wavelength Range (nm):              |
| 1λ                          | Surface Flatness (P-V):             |

Regulatory Compliance

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

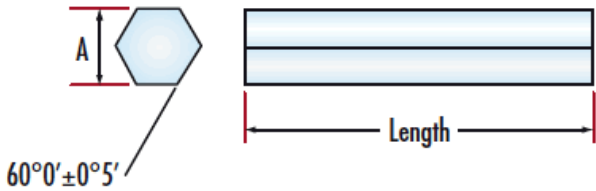
## Product Details

- Excellent Transmission in the UV
- Hexagonal Aperture Maximizes Throughput
- Perfect for Non-Uniform Light Sources
- [Additional Light Pipe Homogenizing Rods](#) Available

TECHSPEC® Fused Silica Light Pipe Homogenizing Rods utilize total internal reflection to homogenize non-uniform light sources regardless of their spectral characteristics. Their hexagonal configurations provide 35% less light loss than a comparable square configuration. Low Numerical Aperture (NA) sources require longer pipes to uniformly homogenize light while shorter pipes will sufficiently homogenize the output from high NA sources. TECHSPEC® Fused Silica Light Pipe Homogenizing Rods are made from UV Fused silica which is great for use with UVLED illumination sources. These homogenizing rods have excellent transmission in the UV.

N-BK7 versions of our light pipe homogenizing rods are also available. [TECHSPEC® Light Pipe Homogenizing Rod Mounts](#), specifically designed to hold our standard and fused silica families of light pipe homogenizing rods, are available; these mounts greatly simplify the handling and integration of these components.

## Technical Information



## Custom

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](#).