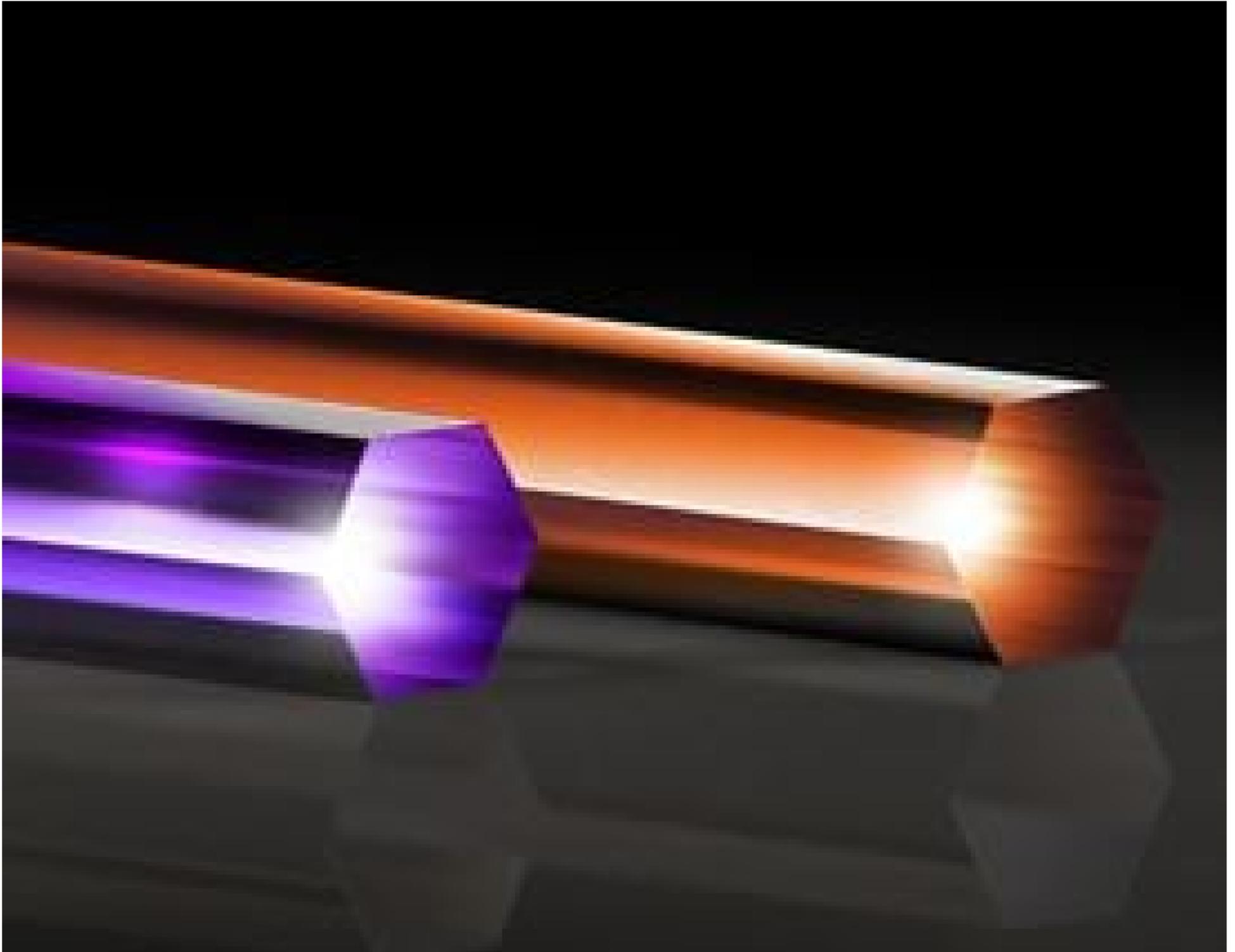


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**TECHSPEC® 6mm Aperture x 75mm L, VIS-EXT Coated, Standard NA, Fused Silica Light Pipe**



Fused Silica Light Pipe Homogenizing Rods



Stock #70-727 **5 In Stock**

⊖ 1 ⊕ ₹22,950

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹22,950 each
Qty 6-25	₹18,360 each
Qty 26-49	₹17,190 each
Need More?	<a href="#">Request Quote</a>

Product Downloads

**General**

Type: Light Pipe

**Physical & Mechanical Properties**

Clear Aperture CA (mm): 5

75.00	<b>Length (mm):</b>
5.00	<b>Parallelism (arcmin):</b>
±0.25	<b>Length Tolerance (mm):</b>
Standard	<b>Light Source NA:</b>

## Optical Properties

MS-EXT (350-700nm)	<b>Coating:</b>
<b>Fused Silica</b> (Corning 7980)	<b>Substrate:</b> <input type="checkbox"/>
60-40	<b>Surface Quality:</b>
6.00	<b>Entrance and Exit Aperture (mm):</b>
±0.10	<b>Aperture Tolerance (mm):</b>
Light Homogenization	<b>Image Orientation:</b>
$R_{avg} \leq 0.5\% @ 350 - 700nm @ 0^\circ AOI$	<b>Coating Specification:</b>
350 - 700	<b>Wavelength Range (nm):</b>
1λ	<b>Surface Flatness (P-V):</b>

## Regulatory Compliance

<a href="#">View</a>	<b>Certificate of Conformance:</b>
China	<b>Country of Origin:</b>
Edmund Optics India Private Limited	<b>Imported By:</b>

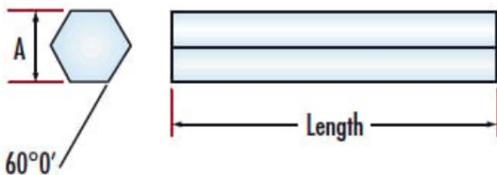
## Product Details

- 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](#).