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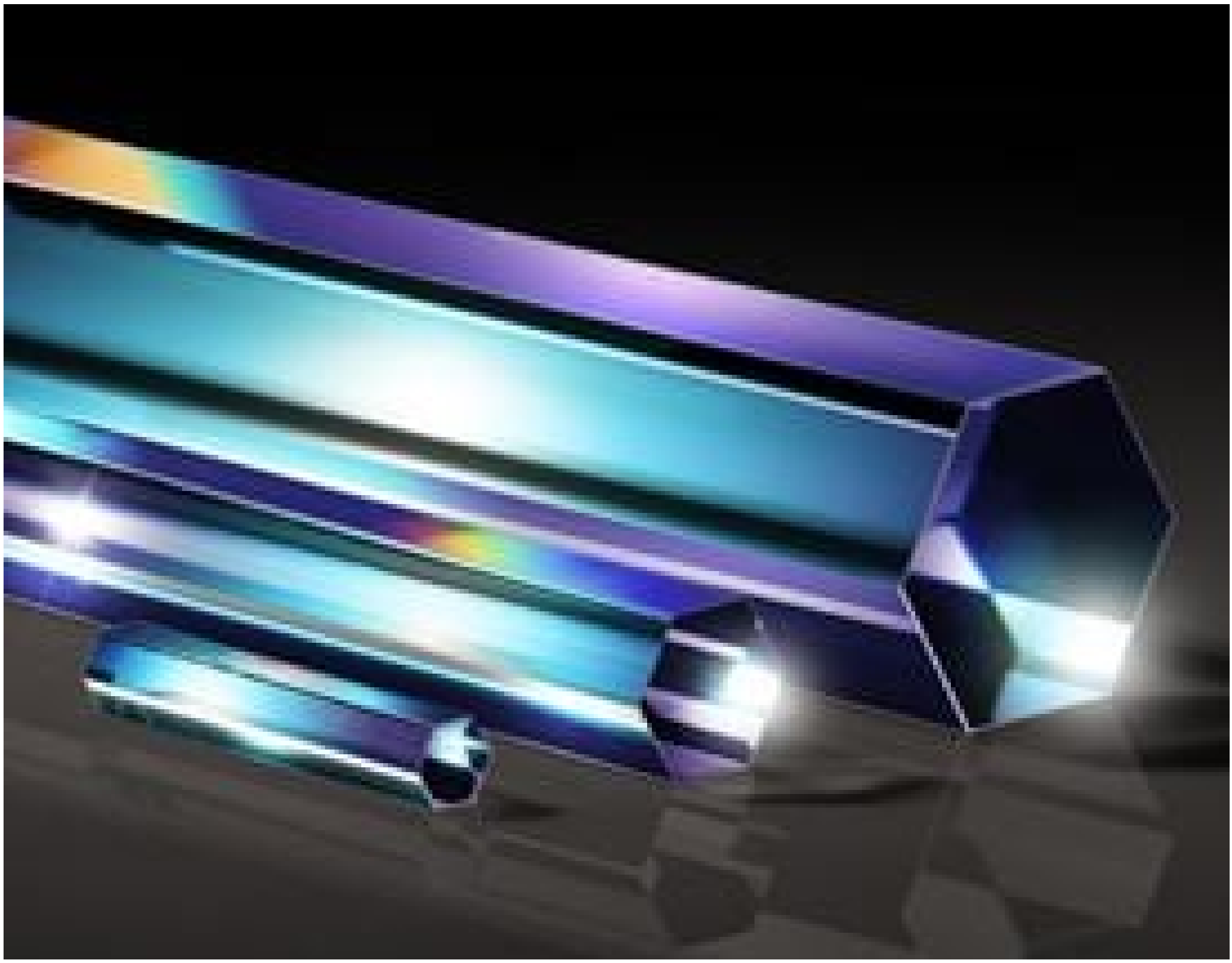
# TECHSPEC® 5mm Aperture, 120mm L Low NA, Hexagonal Light Pipe



N-BK7 Light Pipe Homogenizing Rods

Stock **#63-085** **20+ In Stock**

- 1 + **₹13,590**

**ADD TO CART**

| Volume Pricing | |
|---|---|
| Qty 1-5 | **₹13,590** each |
| Qty 6-25 | **₹10,890** each |
| Qty 26-49 | **₹10,170** each |
| Need More? | Request Quote |

Product Downloads

## General

**Type:**
Light Pipe

## Physical & Mechanical Properties

**Length (mm):**
120.00

| | |
|---|---|
| **Parallelism (arcmin):** | <5.00 |
| **Length Tolerance (mm):** | ±0.3 |
| **Light Source NA:** | Low |

## Optical Properties

| | |
|---|---|
| **Coating:** | Uncoated |
| **Substrate:** | N-BK7 |
| **Surface Quality:** | 60-40 |
| **Entrance and Exit Aperture (mm):** | 5.00 |
| **Aperture Tolerance (mm):** | ±0.10 |
| **Image Orientation:** | Light Homogenization |
| **Wavelength Range (nm):** | 350 - 2200 |
| **Surface Flatness (P-V):** | 1λ |

## Regulatory Compliance

| | |
|---|---|
| **RoHS 2015:** | Compliant |
| **Reach 209:** | Compliant |
| **Certificate of Conformance:** | View |
| **Country of Origin:** | China |
| **Imported By:** | Edmund Optics India Private Limited |

## 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

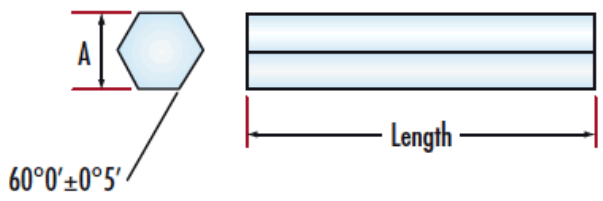
Learn more about our custom manufacturing capabilities or submit an inquiry here.

## Product Details

- Homogenizes Non-Uniform Light Sources
- Hexagonal Entrance Aperture
- Uncoated and VIS-EXT Coated Options Available
- Ideal for OEM Illumination
- Additional Light Pipe Homogenizing Rods Available

TECHSPEC® N-BK7 Light Pipe Homogenizing Rods utilize total internal reflection to homogenize non-uniform light sources regardless of 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 N-BK7 Light Pipe Homogenizing Rods are made from precision N-BK7 for use in a variety of visible light applications and are available uncoated or with VIS-EXT coatings.
Fused silica 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



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