

TECHSPEC<sup>®</sup> 4mm Aperture, 100mm L Low NA, Hexagonal Light Pipe



N-BK7 Light Pipe Homogenizing Rods



Stock #63-083 14 In Stock

⊖

1

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₹12,420

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | ₹12,420 each                  |
| Qty 6-25       | ₹9,900 each                   |
| Qty 26-49      | ₹9,270 each                   |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

General

Type:

Light Pipe

Physical & Mechanical Properties

Length (mm):

100.00

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

Optical Properties

|                      |                                  |
|----------------------|----------------------------------|
| Uncoated             | Coating:                         |
| N-BK7                | Substrate: □                     |
| 60–40                | Surface Quality:                 |
| 4.00                 | Entrance and Exit Aperture (mm): |
| ±0.10                | Aperture Tolerance (mm):         |
| Light Homogenization | Image Orientation:               |
| 350 - 2200           | Wavelength Range (nm):           |
| 1λ                   | Surface Flatness (P-V):          |

Regulatory Compliance

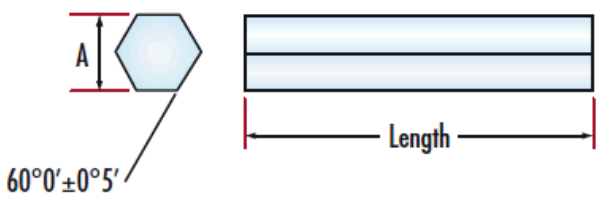
|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| Compliant | Reach 209:                  |
| View      | Certificate of Conformance: |

## Product Details

- Homogenizes Non-Uniform Light Sources
- Hexagonal Entrance Aperture
- Uncoated and VS-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 VS-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



## 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](#).