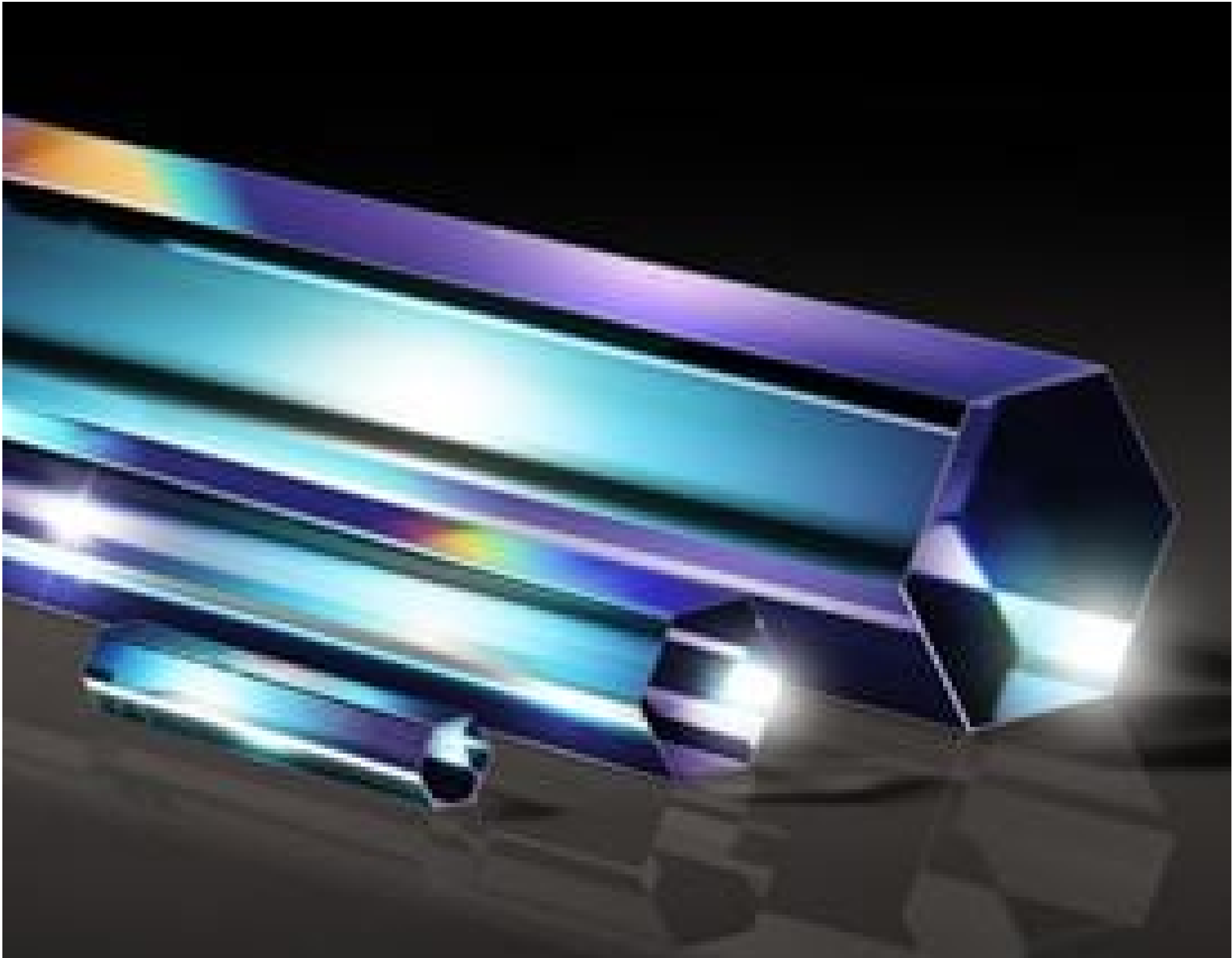


TECHSPEC<sup>®</sup> 10mm Aperture, 75mm L High NA, Hexagonal Light Pipe



N-BK7 Light Pipe Homogenizing Rods



Stock **#63-090** 20+ In Stock

-

1

+

S\$263<sup>.20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | S\$263.20 each                |
| Qty 6-25       | S\$211.40 each                |
| Qty 26-49      | S\$197.40 each                |
| Need More?     | <a href="#">Request Quote</a> |

Product Downloads

SPECIFICATIONS

General

Type:

|                                  |                                  |
|----------------------------------|----------------------------------|
| Light Pipe                       |                                  |
| Physical & Mechanical Properties |                                  |
| 75.00                            | Length (mm):                     |
|                                  |                                  |
| <5.00                            | Parallelism (arcmin):            |
|                                  |                                  |
|                                  |                                  |
| ±0.3                             | Length Tolerance (mm):           |
|                                  |                                  |
| High                             | Light Source NA:                 |
|                                  |                                  |
| Optical Properties               |                                  |
| Uncoated                         | Coating:                         |
|                                  |                                  |
| N-BK7                            | Substrate: □                     |
|                                  |                                  |
|                                  |                                  |
| 60-40                            | Surface Quality:                 |
|                                  |                                  |
| 10.00                            | Entrance and Exit Aperture (mm): |
|                                  |                                  |
|                                  |                                  |
| ±0.10                            | Aperture Tolerance (mm):         |
|                                  |                                  |
| Light Homogenization             | Image Orientation:               |
|                                  |                                  |
|                                  |                                  |
| 350 - 2200                       | Wavelength Range (nm):           |
|                                  |                                  |
| 3λ                               | Surface Flatness (P-V):          |
|                                  |                                  |
|                                  |                                  |
| Regulatory Compliance            |                                  |
| Compliant                        | RoHS 2015:                       |
|                                  |                                  |
| View                             | Certificate of Conformance:      |
|                                  |                                  |
|                                  |                                  |
| Compliant                        | Reach 233:                       |
|                                  |                                  |

## 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



## 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](#).

