

TECHSPEC<sup>®</sup> 10mm Aperture, 175mm L Low NA, Hexagonal Light Pipe



N-BK7 Light Pipe Homogenizing Rods



Stock **#63-091** 20+ In Stock

-

1

+

€223<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-5        | €223,00 each                  |
| Qty 6-25       | €179,00 each                  |
| Qty 26-49      | €168,00 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

|        |                        |
|--------|------------------------|
| 175.00 | Length (mm):           |
| <5.00  | Parallelism (arcmin):  |
| ±0.3   | Length Tolerance (mm): |
| Low    | 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):          |

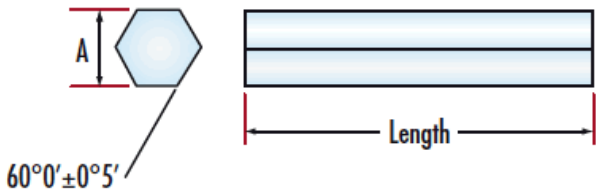
|                       |                             |
|-----------------------|-----------------------------|
| Regulatory Compliance |                             |
| Compliant             | RoHS 2015:                  |
| Compliant             | Reach 209:                  |
| View              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

## Product Details

- Homogenizes Non-Uniform Light Sources
- Hexagonal Entrance Aperture
- Uncoated and MS-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 MS-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](#).