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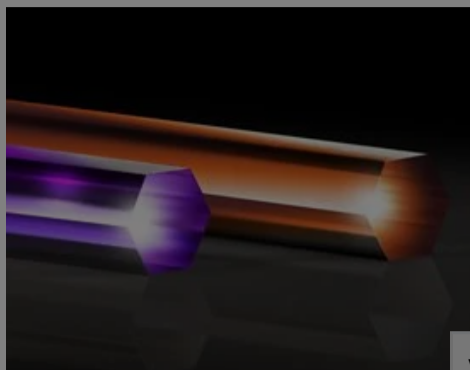
**TECHSPEC®**

# 8mm Aperture

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

Submit



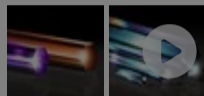
Stock #63-096 **5 In Stock**

1

€292<sup>,00</sup>

ADD TO CART

Fused Silica Light Pipe Homogenizing Rod



Volume Pricing	
Qty 1-5	€292,00 each
Qty 6-25	€233,00 each
Qty 26-49	€220,00 each
Need More?	<a href="#">Request Quote</a>

Prices shown are exclusive of VAT/local taxes

### Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

## General

Type: Light Pipe

## Physical & Mechanical Properties

Clear Aperture CA (mm): 7

Length (mm): 100.00

Parallelism (arcmin): 5.00

Length Tolerance (mm): ±0.3

Light Source NA: Standard

## Optical Properties

Coating: Uncoated

Substrate: **Fused Silica**  
(Corning 7980)

Surface Quality: 60-40

Entrance and Exit Aperture (mm): 8.00

Aperture Tolerance (mm): ±0.10

Image Orientation: Light Homogenization

Wavelength Range (nm): 200 - 2200

Surface Flatness (P-V): 3λ

## Regulatory Compliance

RoHS 2015: **Compliant**

Reach 209: **Compliant**

## Need different specifications?

Edmund Optics offers comprehensive custom manufacturing capabilities to meet your specific requirements. Whether in the prototyping phase or ready for volume production, 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](#).

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Application  
s. Our experienced

## 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 UV LED 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

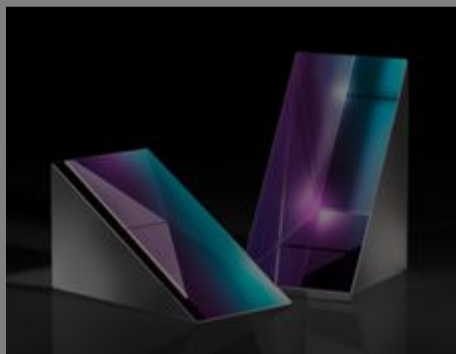
## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

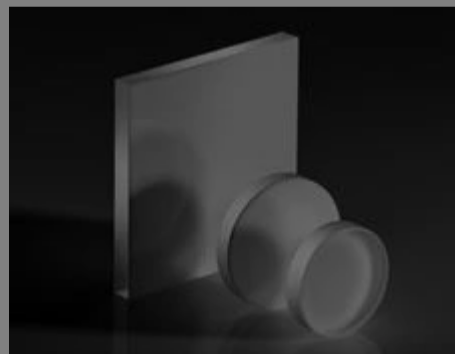
	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	2mm Aperture, 25mm Length, Light Pipe Homogenizing Rod Mount		#64-904	€125,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	7 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	2mm Aperture, 50mm Length, Light Pipe Homogenizing Rod Mount		#64-905	€132,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	13 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	2mm Aperture, 75mm Length, Light Pipe Homogenizing Rod Mount		#64-906	€148,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	CONTACT US <input type="text" value="1"/>
<a href="#">MORE+</a>	4mm Aperture, 25mm Length, Light Pipe Homogenizing Rod Mount		#64-907	€125,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	16 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	4mm Aperture, 50mm Length, Light Pipe Homogenizing Rod Mount		#64-908	€132,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	CONTACT US <input type="text" value="1"/>
<a href="#">MORE+</a>	4mm Aperture, 100mm Length, Light Pipe Homogenizing Rod Mount		#64-909	€148,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	5 In Stock <input type="text" value="1"/>

	Title	Compare	Stock Number	Price	Buy
<a href="#">MORE+</a>	5mm Aperture, 30mm Length, Light Pipe Homogenizing Rod Mount			€132,00	6 In Stock <input type="text" value="1"/>
<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.</p> <p><b>Select Your Country/Region:</b></p> </div>					
<a href="#">MORE+</a>	5mm Aperture, 60mm Length, Light Pipe Homogenizing Rod Mount				6 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	5mm Aperture, 120mm Length, Light Pipe Homogenizing Rod Mount		#64-912	€167,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	6mm Aperture, 50mm Length, Light Pipe Homogenizing Rod Mount		#64-913	€132,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/>
<a href="#">MORE+</a>	6mm Aperture, 75mm Length, Light Pipe Homogenizing Rod Mount		#64-914	€141,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	3 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	6mm Aperture, 150mm Length, Light Pipe Homogenizing Rod Mount		#64-915	€167,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	8mm Aperture, 50mm Length, Light Pipe Homogenizing Rod Mount		#64-916	€141,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	8mm Aperture, 100mm Length, Light Pipe Homogenizing Rod Mount		#64-917	€157,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	2 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	8mm Aperture, 150mm Length, Light Pipe Homogenizing Rod Mount		#64-918	€183,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	<a href="#">CONTACT US</a> <input type="text" value="1"/>
<a href="#">MORE+</a>	10mm Aperture, 75mm Length, Light Pipe Homogenizing Rod Mount		#64-919	€141,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	4 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	10mm Aperture, 125mm Length, Light Pipe Homogenizing Rod Mount		#64-920	€157,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	10mm Aperture, 175mm Length, Light Pipe Homogenizing Rod Mount		#64-921	€183,00 <a href="#">Volume Pricing</a>   <a href="#">Request Quote</a>	2 In Stock <input type="text" value="1"/>

## Frequently Purchased Together



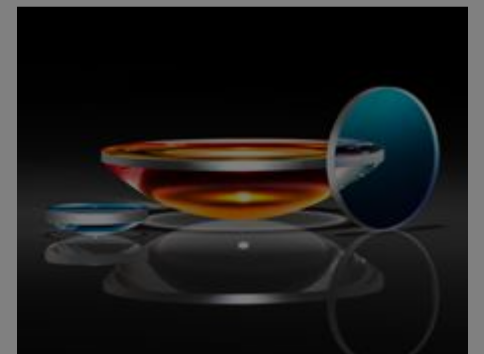
#43-649 - 22mm Uncoated, Littrow Dispersion Prism  
€79,50



#46-105 - 12.5mm Diameter Opal Diffusing Glass  
€119,00



#47-994 - 5° Diffusing Angle 25mm Dia Mounted  
€202,00



#48-666 - 9mm Dia. x 12mm FL Uncoated, UV Plano-Convex Lens  
€131,00

## Resources

**Media Type**

- Application Note
- Video
- Glossary
- FAQ

APPLICATION NOTE

How to Select

VIDEO

Light Pipe

GLOSSARY

Light Pipe  
Homogenizing  
Rod

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GLOSSARY

Transmission

? FAQ

How do I clean  
my optics?

GLOSSARY

Surface  
Quality