

6mm Diameter UV Fused Silica Ground Glass Optical Diffuser



Stock **#65-891** **14 In Stock**

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1

+

C\$81^{.20}

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Volume Pricing	
Qty 1-10	C\$81.20 each
Qty 11-49	C\$64.05 each
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General

Type:

Ground Glass Diffuser

Physical & Mechanical Properties

Diameter (mm):

6.00 ±0.25

Grit:

220

Thickness (mm):

1.60

Optical Properties	
Fused Silica (Corning 7980)	Substrate: ☐
200 - 2200	Wavelength Range (nm):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

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

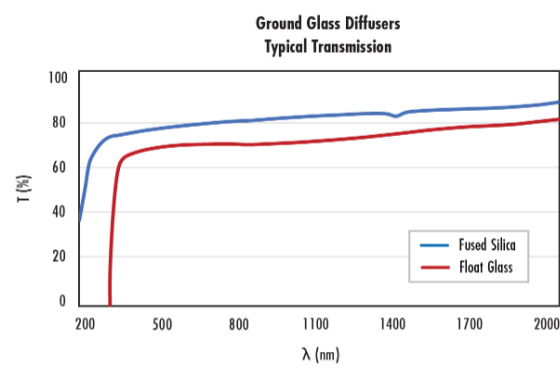
Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Even, Diffuse Surface
- Ideal for Applications Utilizing UV Wavelengths
- Low Scatter Loss
- [Float Glass Substrates](#) Also Available

UV Fused Silica Ground Glass Diffusers are comprised of high tolerance, quality ground glass, making them ideal for a variety of industrial applications. A 220-grit sandblast is used to create a diffuse surface on the UV fused silica substrate of these optical diffusers. Undergoing two orthogonal passes during this sandblast process yields an even diffusion across the surface. The scattering is a compromise of low scatter loss and medium diffusion. UV Fused Silica Ground Glass Diffusers are typically applied for use in screens, illuminator diffusion, and targets.

Technical Information



Compatible Mounts