

12.5mm Diameter Opal Diffusing Glass



Stock **#46-105** [CONTACT US](#)

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+

S\$166^{.60}

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Volume Pricing	
Qty 1-24	S\$166.60 each
Qty 25+	S\$133.00 each
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General

Type:

Opal Diffuser

Physical & Mechanical Properties

Diameter (mm):

12.50 ±0.25

Edges:

Ground

Thickness (mm):

2.50 ±0.2

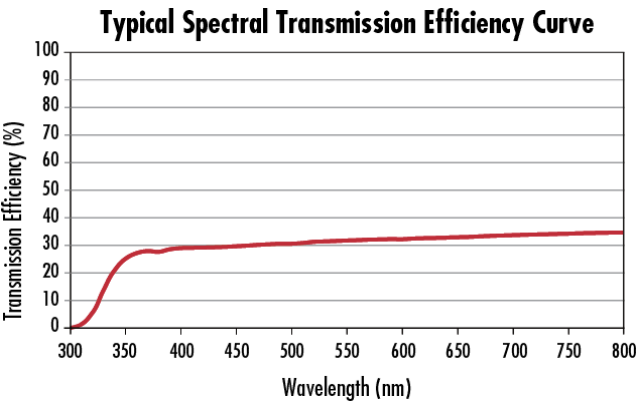
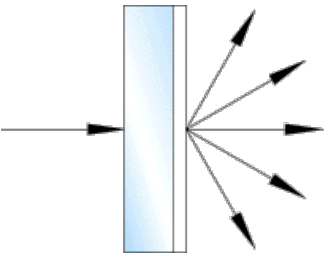
Optical Properties	
Opal	Coating:
Coating Specification: Milky White 'Opal', 0.45 +0.35/-0.2mm in Thickness	
Opal Glass	Substrate: ☐

Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 250:

Product Details

- Features a Milky White 'Opal' Coating
 - Even Diffusion Helps Create a Near Lambertian Source
 - More Diffusion than a [Standard Ground Glass Diffuser](#)
- Opal Diffusing Glass is similar to [ground glass](#), but with one surface flashed with a milky white "opal" coating to diffuse light evenly. It can be used to achieve a near Lambertian distribution. The level of diffusion in opal glass causes a large amount of scattering loss. Opal Diffusing Glass features more diffusion than a [Standard Ground Glass Diffuser](#). Due to the manufacturing process of the opal coating, the transmission may vary from one production to the next.
- Note:** Opal Glass material has been discontinued by the manufacturer and is available in limited quantities. Please consider [White Diffusing Glass](#) as an alternative. [Contact us](#) for more information.

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](#).

Compatible Mounts