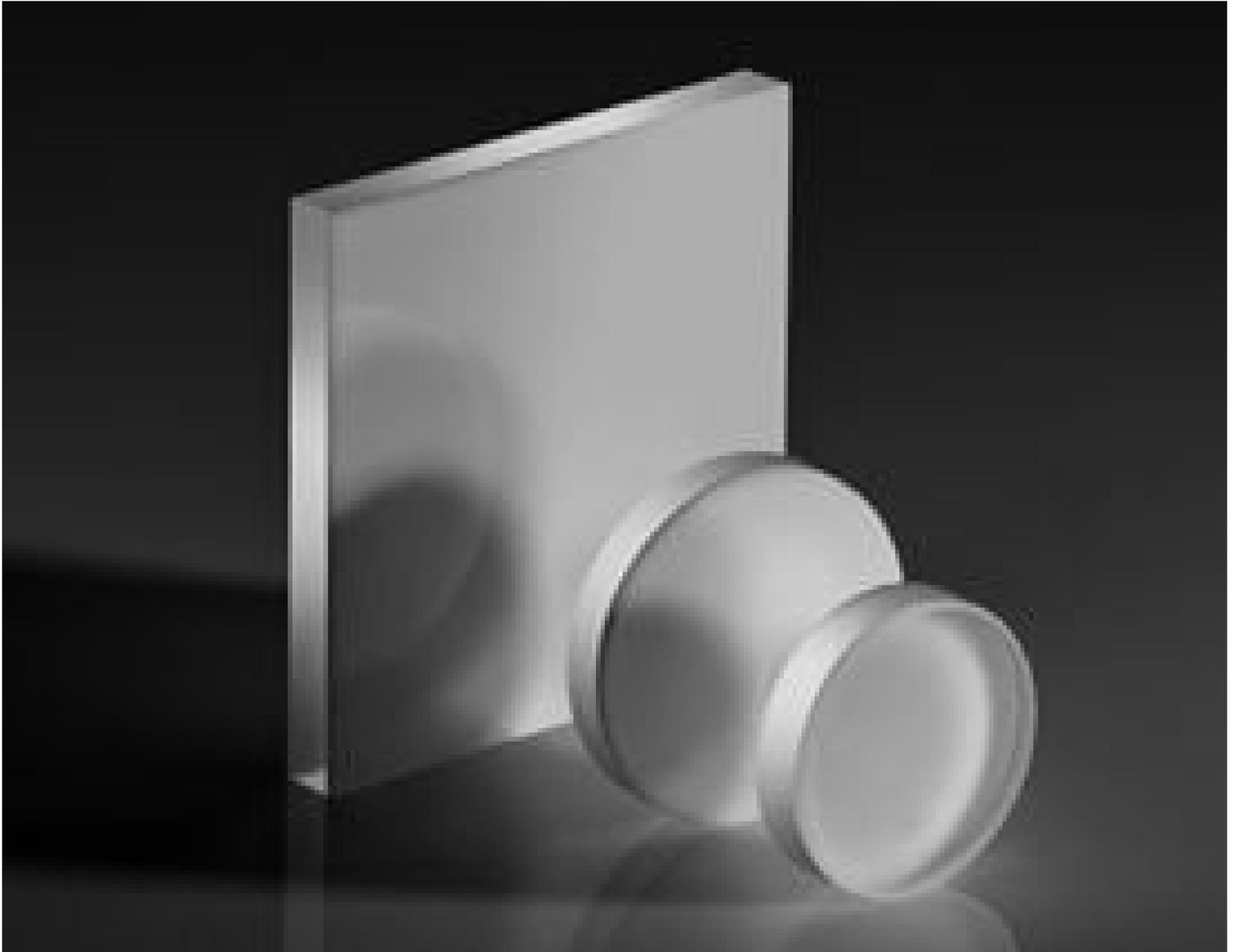


## 35 x 35mm Opal Diffusing Glass



Stock #46-168 **13 In Stock**

- 1 + €139<sup>.00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-24	€139,00 each
Qty 25+	€111,00 each
Need More?	<a href="#">Request Quote</a>

**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Opal Diffuser **Type:**

### Physical & Mechanical Properties

±0.76 **Dimensional Tolerance (mm):**

35.00 x 35.00 **Dimensions (mm):**

Seamed **Edges:**

2.50 ±0.2 **Thickness (mm):**

35.00 **Width (mm):**

35.00 **Length (mm):**

## Optical Properties

Opal **Coating:**

Milky White 'Opal', 0.45 +0.35/-0.2mm in Thickness **Coating Specification:**

Opal Glass **Substrate:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

**Compliant** **Reach 247:**

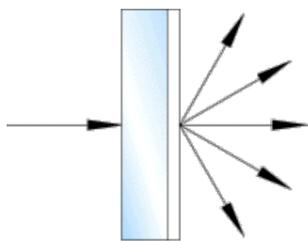
## Product Details

- Features a Milky White 'Opal' Coating
- Even Diffusion Helps Create a Near Lambertian Source
- More Diffusion than a [Standard Ground Glass Diffuser](#)

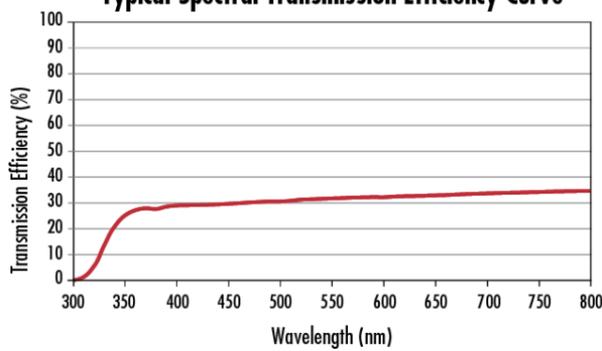
Opal Diffusing Glass is similar to [ground glass](#), but with one surface flashed with a milky white "opal" coating to diffuse light evenly. It can be used to achieve a near Lambertian distribution. The level of diffusion in opal glass causes a large amount of scattering loss. Opal Diffusing Glass features 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



**Typical Spectral Transmission Efficiency Curve**



## 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

