

## 50 x 50mm 120 Grit Ground Glass Diffuser



Stock **#83-382** **20+ In Stock**

- 1 + MRP ₹2,876

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-10	₹2,876 each
Qty 11+	₹2,498 each
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### General

Ground Glass Diffuser **Type:**

Sandblasted on first surface **Note:**

### Physical & Mechanical Properties

±0.25 **Dimensional Tolerance (mm):**

**Dimensions (mm):**

50.00 x 50.00

Cut **Edges:**

120 **Grit:**

1.60 **Thickness (mm):**

50.00 **Width (mm):**

50.00 **Length (mm):**

### Optical Properties

Uncoated **Coating:**

Float Glass **Substrate:**

350 - 2000 **Wavelength Range (nm):**

### Regulatory Compliance

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

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

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

United States **Country of Origin:**

**Imported By:**

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91-80-6845 0000

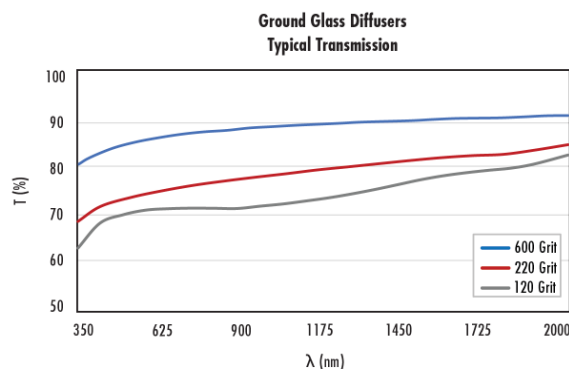
## Product Details

- Available in Sizes Ranging from 5mm Diameter to 250mm Square
- Low Scatter Loss
- Evenly Ground Surface for Even Diffusion
- **Fused Silica Substrates** Available

Ground Glass Diffusers are comprised of high tolerance, quality ground glass making them ideal for a variety of industrial applications. The float glass substrate has excellent visible transmission and is ideal for general diffusing applications. A 120-grit, 220-grit or 600-grit (as noted) sandblast is used to create a diffuse surface on the glass. Ground Glass Diffusers have even diffusion across the entire surface from undergoing two orthogonal passes during this sandblast process. The scattering is a compromise of low scatter loss and medium diffusion. Typical applications include use in screens, illuminator diffusion, and targets.

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## Technical Information



**Quote Your Size**

**Compatible Mounts**