

## 50 x 50mm 600 Grit Ground Glass Diffuser



Stock **#38-789** **6 In Stock**

-

1

+

S\$39<sup>.90</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | <b>S\$39.90</b> each          |
| Qty 11+        | <b>S\$34.65</b> each          |
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Product Downloads

General

Ground Glass Diffuser

Type:

Sandblasted on first surface

Note:

Physical & Mechanical Properties

±0.76

Dimensional Tolerance (mm):

50.00 x 50.00

Dimensions (mm):

|        |                                |
|--------|--------------------------------|
| Seamed | Edges:                         |
| 600    | Grit: <input type="checkbox"/> |

|       |                 |
|-------|-----------------|
| 1.60  | Thickness (mm): |
| 50.00 | Width (mm):     |

|       |              |
|-------|--------------|
| 50.00 | Length (mm): |
|-------|--------------|

Optical Properties

|             |                                     |
|-------------|-------------------------------------|
| Uncoated    | Coating:                            |
| Float Glass | Substrate: <input type="checkbox"/> |

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

Regulatory Compliance

|           |                             |
|-----------|-----------------------------|
| Compliant | RoHS 2015:                  |
| View      | Certificate of Conformance: |

|           |            |
|-----------|------------|
| Compliant | Reach 247: |
|-----------|------------|

## Product Details

• Available in Sizes Ranging from 5mm Diameter to 250mm Square

• Low Scatter Loss

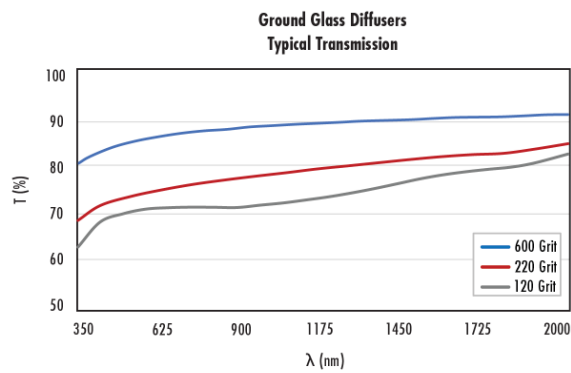
• Evenly Ground Surface for Even Diffusion

• [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